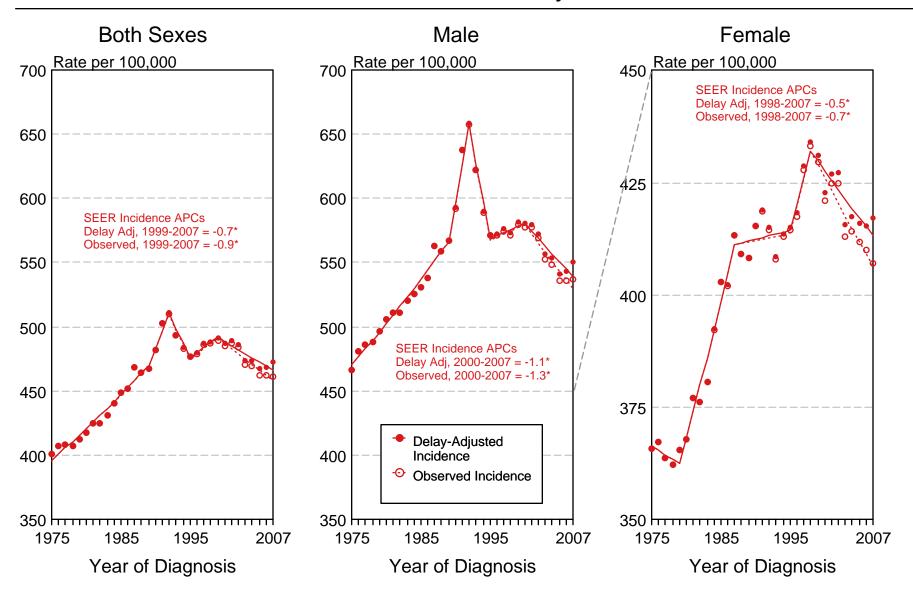
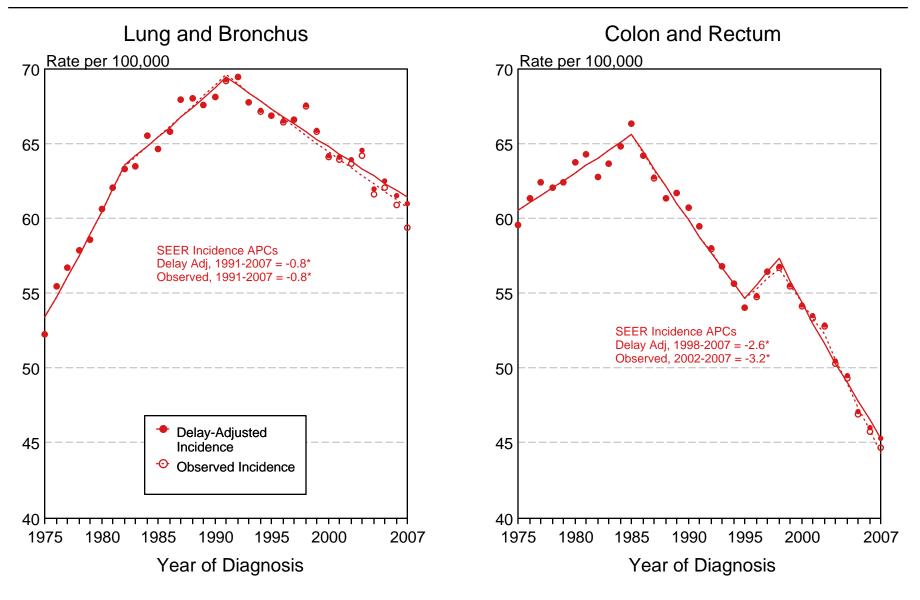
SEER Observed Incidence and Delay Adjusted Incidence Rates^a All Cancer Sites, By Sex



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

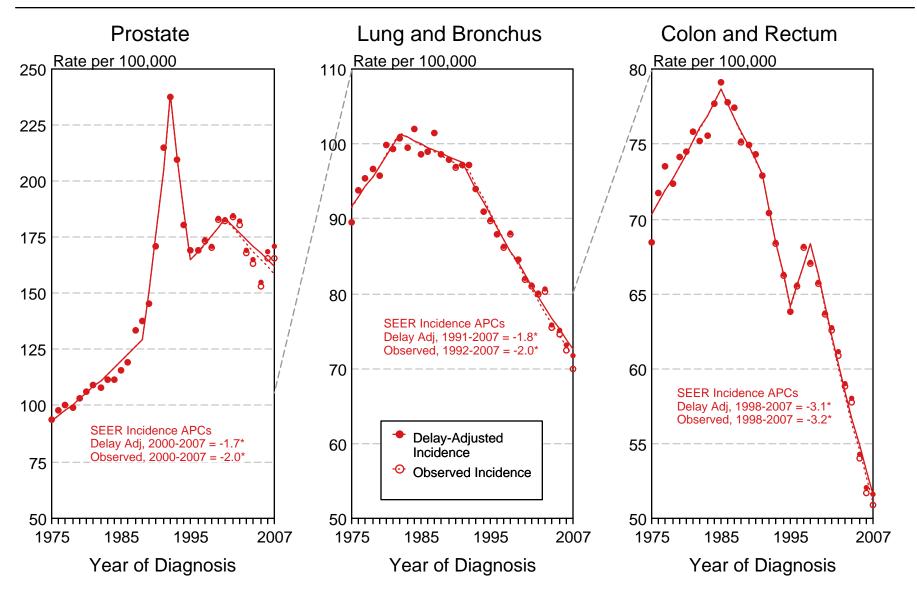
SEER Observed Incidence and Delay Adjusted Incidence Rates^a Both Sexes



a Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

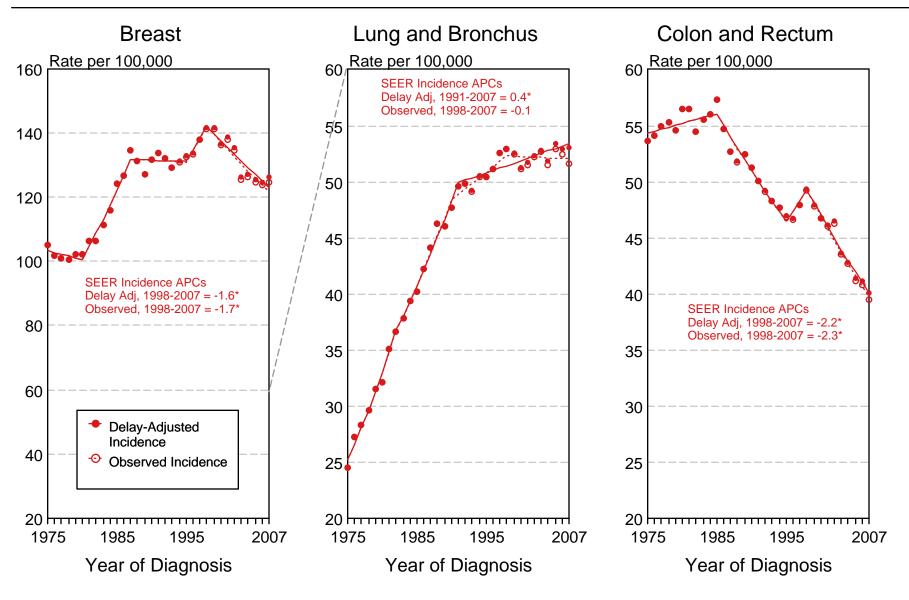
SEER Observed Incidence and Delay Adjusted Incidence Rates^a Males



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and Delay Adjusted Incidence Rates^a Females



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 2.1 All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 5	rend 1	Joinpoint 7	rend 2	Joinpoint 5	Trend 3	Joinpoint S	Frend 4	Joinpoint '	Trend 5	AAI	5Cq
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	denceª, 19	75-2007									
All Races	1975-1989	1.2*	1989-1992	2.8	1992-1995	-2.4	1995-1999	0.9	1999-2007	-0.7*	-0.5*	-0.7*
White	1975-1982	0.9*	1982-1992	1.8*	1992-1995	-2.0	1995-1999	1.1	1999-2007	-0.6*	-0.4*	-0.6*
Black	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.2*	1992-2007	-0.8*			-0.8*	-0.8*
SEER 13 Delay-A	Adjusted Inci	idence ^b , 1	L992-2007									
All Races	1992-1994	-3.1*	1994-1999	0.4	1999-2007	-0.8*					-0.7*	-0.8*
White	1992-1994	-3.3*	1994-1999	0.6	1999-2007	-0.7*					-0.6*	-0.7*
Black	1992-2007	-0.8*									-0.8*	-0.8*
SEER 9 Observed	d Incidencea,	1975-200	<u>)7</u>									
All Races	1975-1989	1.2*	1989-1992	2.8*	1992-1995	-2.4	1995-1999	0.9	1999-2007	-0.9*	-0.7*	-0.9*
White	1975-1982	0.9*	1982-1992	1.8*	1992-1995	-2.1	1995-1999	1.1	1999-2007	-0.9*	-0.7*	-0.9*
Black	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.4*	1992-2007	-1.0*			-1.0*	-1.0*
SEER 13 Observe	ed Incidence ^b	, 1992-20	007									
All Races	1992-1994	-3.2*	1994-1999	0.4	1999-2007	-1.0*					-0.8*	-1.0*
White	1992-1994	-3.4*	1994-1999	0.6	1999-2007	-1.0*					-0.8*	-1.0*
White NH ^{ef}	1992-1994	-3.3*	1994-1999	0.8*	1999-2007	-0.8*					-0.6*	-0.8*
Black	1992-2004	-0.8*	2004-2007	-2.4*							-1.4*	-2.0*
Black NH ^{ef}	1992-2004	-0.8*	2004-2007	-2.2*							-1.3*	-1.8*
API ^e	1992-2007	-0.6*									-0.6*	-0.6*
AI/AN ^{eg}	1992-2007	-0.1									-0.1	-0.1
Hispanicf	1992-2002	-0.3	2002-2007	-1.7*							-1.1*	-1.7*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanicf

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 2.2 All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint 5	Trend 1	Joinpoint 7	Trend 2	Joinpoint 5	Frend 3	Joinpoint '	Trend 4	Joinpoint '	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1989	1.3*	1989-1992	5.2*	1992-1995	-4.8*	1995-2000	0.4	2000-2007	-1.1*	-0.7*	-1.1*
White	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.1*	1995-2000	0.7	2000-2007	-1.0*	-0.6*	-1.0*
Black	1975-1981	2.8*	1981-1989	0.7	1989-1992	6.8*	1992-2007	-1.6*			-1.6*	-1.6*
SEER 13 Delay-	Adjusted Inci	idence ^b , i	1992-2007									
All Races	1992-1995	-4.5*	1995-2000	0.2	2000-2007	-1.2*					-0.9*	-1.2*
White	1992-1994	-6.6*	1994-2001	-0.1	2001-2007	-1.1*					-0.8*	-1.1*
Black	1992-2007	-1.7*									-1.7*	-1.7*
SEER 9 Observed	d Incidencea,	1975-20	07									
All Races	1975-1989	1.3*	1989-1992	5.2*	1992-1995	-4.8*	1995-2000	0.4	2000-2007	-1.3*	-0.9*	-1.3*
White	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.2*	1995-2000	0.7	2000-2007	-1.3*	-0.9*	-1.3*
Black	1975-1981	2.8*	1981-1989	0.6	1989-1992	7.0*	1992-2007	-1.8*			-1.8*	-1.8*
SEER 13 Observe	ed Incidence ^h	, 1992-20	007									
All Races	1992-1995	-4.5*	1995-2000	0.2	2000-2007	-1.4*					-1.1*	-1.4*
White	1992-1994	-6.7*	1994-2001	-0.1	2001-2007	-1.5*					-1.0*	-1.5*
White NH ^{ef}	1992-1994	-6.7*	1994-2001	0.0	2001-2007	-1.3*					-0.8*	-1.3*
Black	1992-2002	-1.5*	2002-2007	-3.0*							-2.3*	-3.0*
Black NH ^{ef}	1992-2003	-1.5*	2003-2007	-3.1*							-2.2*	-3.1*
API ^e	1992-1996	-2.8*	1996-2000	0.4	2000-2007	-1.5*					-1.1*	-1.5*
AI/AN ^{eg}	1992-2007	-1.0*									-1.0*	-1.0*
Hispanic ^f	1992-2004	-0.9*	2004-2007	-3.2*							-1.7*	-2.6*

U.S. Cancer Mortality^c, 1975-2007

All Races

White Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APIe

AI/AN^{eg}

Hispanicf

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 2.3 All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint Tr	end 1	Joinpoint T	rend 2	Joinpoint 1	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	o C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incide	nce ^a , 19	75-2007									
All Races	1975-1979	-0.3	1979-1987	1.6*	1987-1995	0.1	1995-1998	1.4	1998-2007	-0.5*	-0.5*	-0.5*
White	1975-1979	-0.2	1979-1987	1.7*	1987-1995	0.1	1995-1998	1.7	1998-2007	-0.4*	-0.4*	-0.4*
Black	1975-1991	1.1*	1991-2007	0.0							0.0	0.0
SEER 13 Delay-A	Adjusted Incid	ence ^b , 19	992-2007									
All Races	1992-1998	0.8*	1998-2007	-0.6*							-0.6*	-0.6*
White	1992-1998	1.0*	1998-2007	-0.6*							-0.6*	-0.6*
Black	1992-2007	0.0									0.0	0.0
SEER 9 Observed	d Incidenceª, 1	1975-200	<u>7</u>									
All Races	1975-1979	-0.3	1979-1987	1.6*	1987-1995	0.1	1995-1998	1.4	1998-2007	-0.7*	-0.7*	-0.7*
White	1975-1979	-0.2	1979-1987	1.7*	1987-1995	0.1	1995-1998	1.8	1998-2007	-0.7*	-0.7*	-0.7*
Black	1975-1991	1.1*	1991-2007	-0.1							-0.1	-0.1
SEER 13 Observe	ed Incidence ^b ,	1992-200	<u>07</u>									
All Races	1992-1998	0.8*	1998-2007	-0.8*							-0.8*	-0.8*
White	1992-1994	-0.3	1994-1998	1.4*	1998-2007	-0.8*					-0.8*	-0.8*
White NH ^{ef}	1992-1998	1.2*	1998-2007	-0.6*							-0.6*	-0.6*
Black	1992-2007	-0.2									-0.2	-0.2
Black NH ^{ef}	1992-2007	-0.1									-0.1	-0.1
API ^e	1992-2007	0.0									0.0	0.0
AI/AN ^{eg}	1992-2007	0.7									0.7*	0.7*
Hispanicf	1992-1999	0.6	1999-2007	-0.8*							-0.7*	-0.8*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

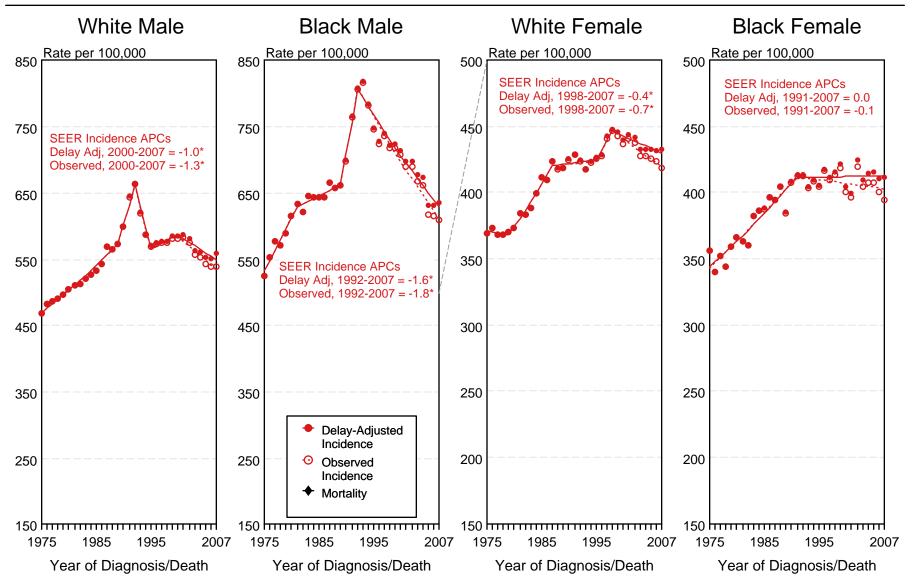
APT^e

AI/AN^{eg}

Hispanic^f

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a All Cancer Sites, by Race and Sex

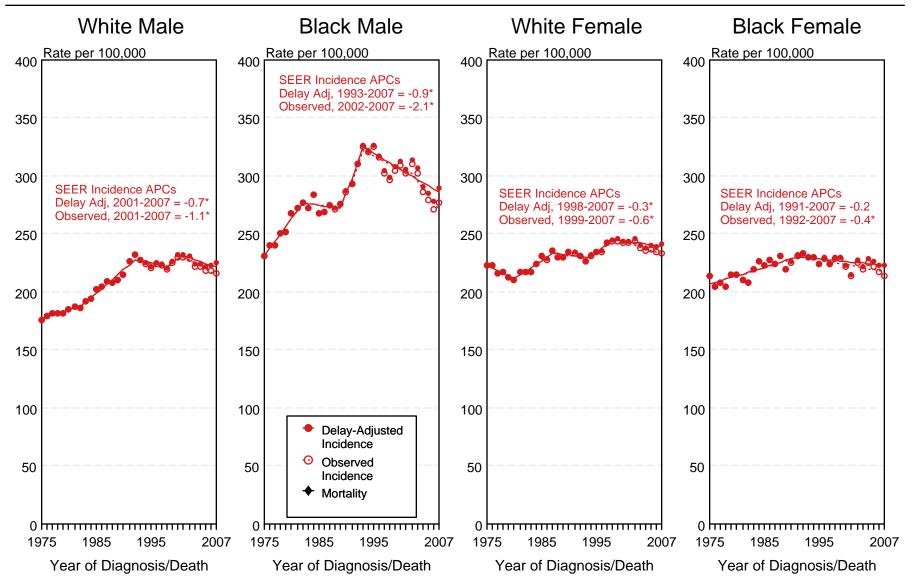


Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

igure 2

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a All Cancer Sites, Under 65 Years of Age, by Race and Sex

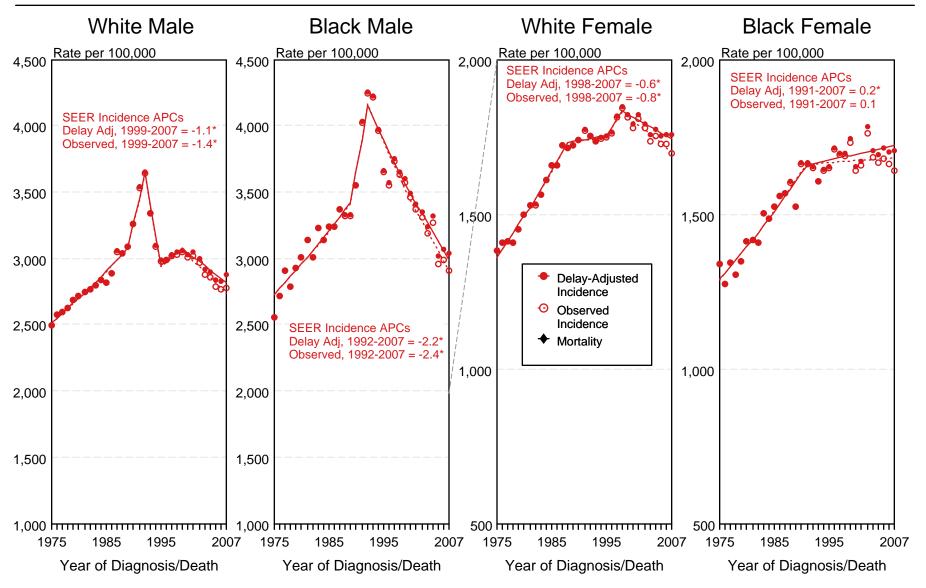


Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

Figure 2.2

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a All Cancer Sites, Ages 65 and Over, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

igure 2.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas All Cancer Sites, Males, by Race

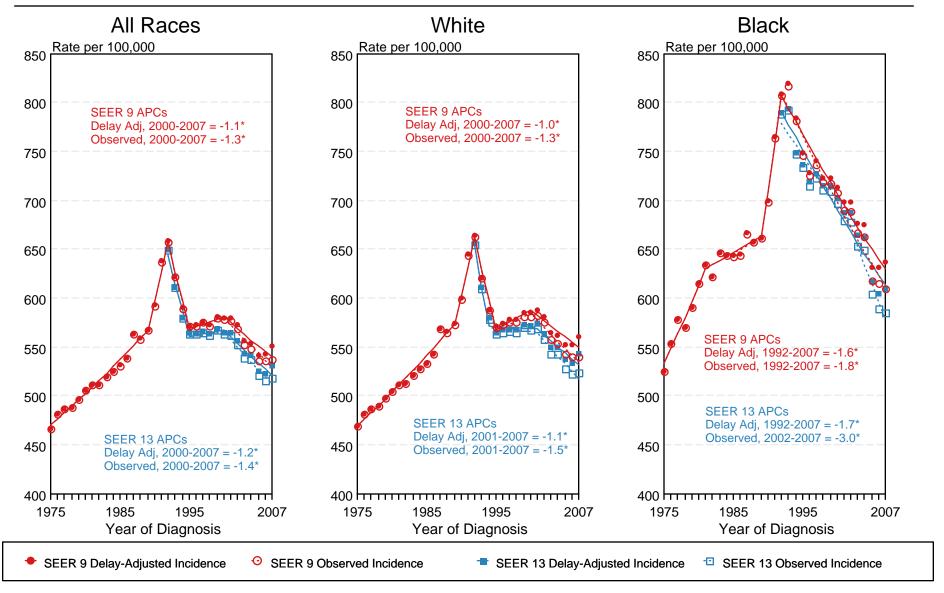


Figure 2.5

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas All Cancer Sites, Female, by Race

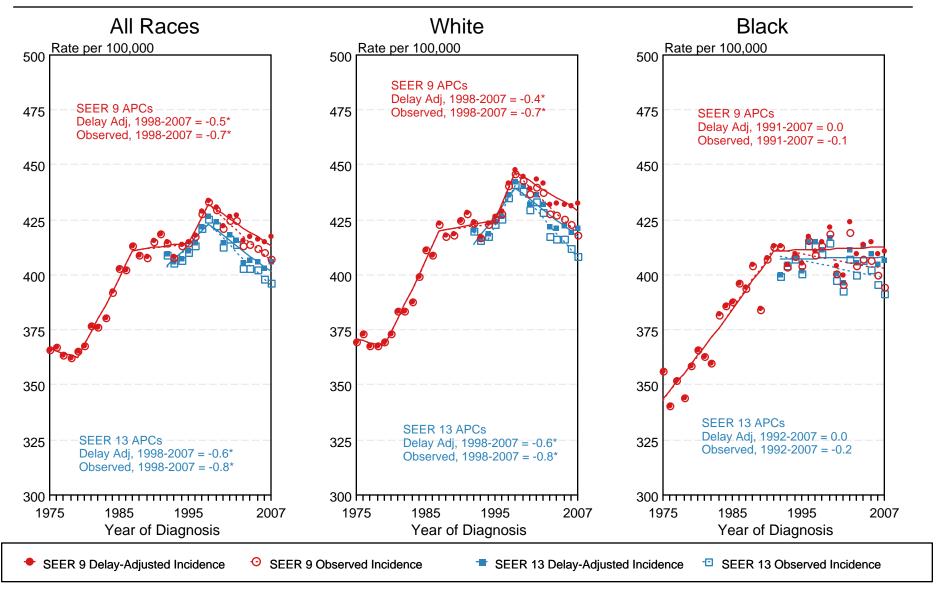


Figure 2.6

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 3.1 Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 1	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA1	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1987	1.5*	1987-2007	-0.2*							-0.2*	-0.2*
White	1975-1987	1.6*	1987-2007	-0.1							-0.1	-0.1
Black	1975-2007	0.3									0.3	0.3
SEER 13 Delay-	-Adjusted Inci	idence ^b ,	1992-2007									
All Races	1992-2007	-0.2									-0.2	-0.2
White	1992-2007	0.0									0.0	0.0
Black	1992-2007	0.1									0.1	0.1
SEER 9 Observe	ed Incidencea,	1975-20	<u>07</u>									
All Races	1975-1988	1.4*	1988-2007	-0.4*							-0.4*	-0.4*
White	1975-1988	1.5*	1988-2007	-0.2							-0.2	-0.2
Black	1975-2007	0.2									0.2	0.2
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-2007	-0.4*									-0.4*	-0.4*
White	1992-2007	-0.2									-0.2	-0.2
White NH ^{ef}	1992-2007	-0.1									-0.1	-0.1
Black	1992-2007	-0.1									-0.1	-0.1
Black NH ^{ef}	1992-2007	-0.2									-0.2	-0.2
API ^e	1992-2007	-0.7									-0.7	-0.7
AI/AN ^{eg}	1992-2007	5.0*									5.0*	5.0*
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	0.1									0.1	0.1
U.S. Cancer Mo	ortality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ exttt{Hispanic}^{ ext{f}}$												
			' 2 4									

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Joinpoint regression line analysis could not be performed on data series.

Table 3.2 Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2007									
All Races	1975-1989	1.2*	1989-2007	-0.4*							-0.4*	-0.4*
White	1975-1991	1.2*	1991-2007	-0.4							-0.4	-0.4
Black	1975-2007	-0.1									-0.1	-0.1
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-0.4*									-0.4*	-0.4*
White	1992-2007	-0.2									-0.2	-0.2
Black	1992-2007	-0.2									-0.2	-0.2
SEER 9 Observe	d Incidencea,	, 1975-20	07									
All Races	1975-1991	1.1*	1991-2007	-0.7*							-0.7*	-0.7*
White	1975-1991	1.2*	1991-2007	-0.5*							-0.5*	-0.5*
Black	1975-2007	-0.1									-0.1	-0.1
SEER 13 Observe	ed Incidence	b, 1992-2	007									
All Races	1992-2007	-0.6*									-0.6*	-0.6*
White	1992-2007	-0.4									-0.4*	-0.4*
White NH ^{ef}	1992-2007	-0.3									-0.3	-0.3
Black	1992-2007	-0.4									-0.4	-0.4
Black NH ^{ef}	1992-2007	-0.4									-0.4	-0.4
API ^e	1992-2007	-1.1									-1.1*	-1.1*
AI/AN ^{eg}	1992-2007	0.8									0.8	0.8
$ exttt{Hispanic}^{ ext{f}}$	1992-2007	0.4									0.4	0.4
U.S. Cancer Mo: All Races White Black	rtality ^c , 197	75-2007										
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 3.3 Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint 7	rend 2	Joinpoint '	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAl	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Inci	dence ^a . 1	975-2007									
All Races	1975-1987	1.6*	1987-2007	-0.1							-0.1	-0.1
White	1975-1984	1.2*	1984-1987	4.5	1987-1995	-1.2	1995-2004	0.9	2004-2007	-3.1	-0.4	-2.1
Black	1975-2007	0.7*									0.7*	0.7*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	0.0									0.0	0.0
White	1992-2007	0.1									0.1	0.1
Black	1992-2007	0.4									0.4	0.4
SEER 9 Observe	d Incidencea	, 1975-20	<u>07</u>									
All Races	1975-1987	1.6*	1987-2007	-0.3							-0.3	-0.3
White	1975-1984	1.2*	1984-1987	4.4	1987-1995	-1.2	1995-2004	0.8	2004-2007	-3.8	-0.7	-2.7
Black	1975-2007	0.7									0.7*	0.7*
SEER 13 Observ	ed Incidence	b, 1992-2	007									
All Races	1992-2007	-0.2									-0.2	-0.2
White	1992-2007	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2007	0.1									0.1	0.1
Black	1992-2007	0.2									0.2	0.2
Black NH ^{ef}	1992-2007	0.1									0.1	0.1
API ^e	1992-2007	-0.2									-0.2	-0.2
AI/AN ^{eg}	-	-									-	-
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	-0.4									-0.4	-0.4
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanicf												
-												

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

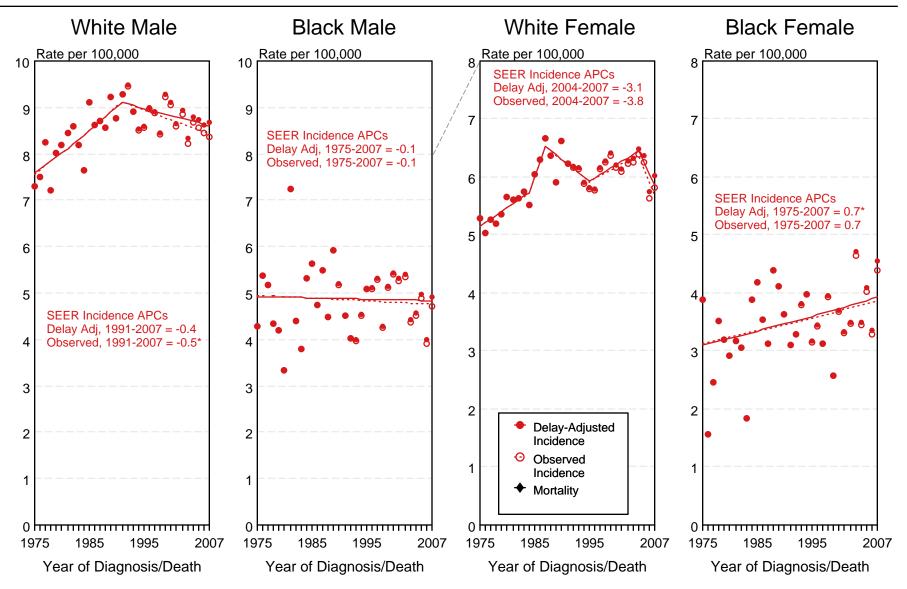
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Brain and Other Nervous System, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Brain and Other Nervous System, Male, by Race

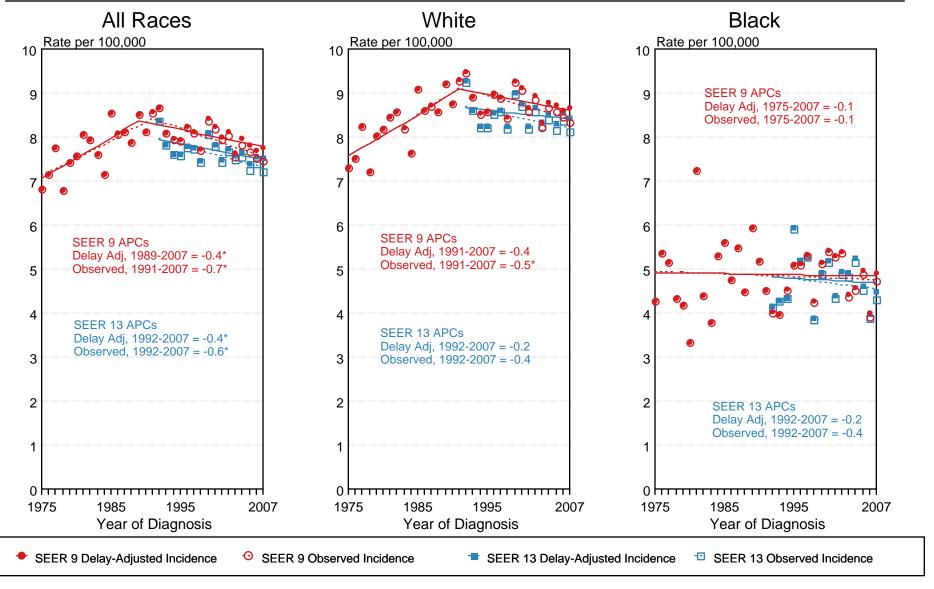


Figure 3.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Brain and Other Nervous System, Female, by Race

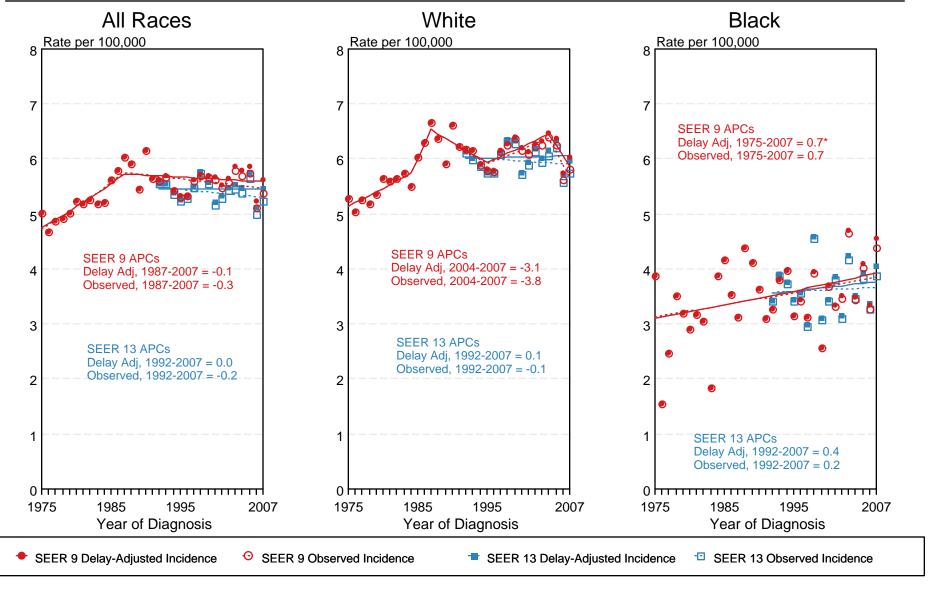


Figure 3.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 4.1 Cancer of the Female Breast (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 5	Trend 2	Joinpoint :	Frend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	5Cq
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	dence ^a , 19	975-2007									
All Races	1975-1980	-0.5	1980-1987	3.9*	1987-1995	-0.1	1995-1998	2.7	1998-2007	-1.6*	-1.6*	-1.6*
White	1975-1980	-0.5	1980-1987	4.1*	1987-1994	-0.2	1994-1999	1.8*	1999-2007	-1.9*	-1.5*	-1.9*
Black	1975-1992	2.3*	1992-2007	-0.1							-0.1	-0.1
SEER 13 Delay-A	Adjusted Inc	idence ^b , 1	1992-2007									
All Races	1992-1999	1.1*	1999-2007	-1.8*							-1.4*	-1.8*
White	1992-1999	1.4*	1999-2007	-2.0*							-1.6*	-2.0*
Black	1992-2007	0.0									0.0	0.0
SEER 9 Observed	d Incidencea,	1975-200	<u>)7</u>									
All Races	1975-1980	-0.5	1980-1987	3.9*	1987-1995	-0.1	1995-1998	2.7	1998-2007	-1.7*	-1.7*	-1.7*
White	1975-1980	-0.5	1980-1987	4.1*	1987-1994	-0.2	1994-1999	1.8*	1999-2007	-2.1*	-1.6*	-2.1*
Black	1975-1992	2.3*	1992-2007	-0.3							-0.3	-0.3
SEER 13 Observe	ed Incidence	o, 1992-20	007									
All Races	1992-1999	1.1*	1999-2007	-1.8*							-1.5*	-1.8*
White	1992-1999	1.4*	1999-2007	-2.1*							-1.7*	-2.1*
White NH ^{ef}	1992-1999	1.5*	1999-2007	-2.0*							-1.6*	-2.0*
Black	1992-2007	-0.2									-0.2	-0.2
Black NH ^{ef}	1992-2007	-0.1									-0.1	-0.1
API ^e	1992-1994	-4.8	1994-1997	6.6	1997-2007	-0.4					-0.4	-0.4
AI/AN ^{eg}	1992-2007	-0.5									-0.5	-0.5
Hispanicf	1992-1999	1.3	1999-2007	-1.3*							-1.0*	-1.3*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanicf

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

 The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 4.2 Cancer of the Female Breast (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint 7	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAl	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Inci	denceª, 1	975-2007									
All Races	1975-1980	-1.3	1980-1986	2.8*	1986-2007	-0.1					-0.1	-0.1
White	1975-1980	-1.1	1980-1986	2.7*	1986-2007	-0.1					-0.1	-0.1
Black	1975-1991	1.4*	1991-2007	-0.6*							-0.6*	-0.6*
SEER 13 Delay-	Adjusted Inc.	idence ^b ,	1992-2007									
All Races	1992-2007	0.0									0.0	0.0
White	1992-2007	-0.1									-0.1	-0.1
Black	1992-2002	-1.3*	2002-2007	2.0							0.5	2.0
SEER 9 Observe	ed Incidencea,	, 1975-20	07									
All Races	1975-1980	-1.3	 1980-1986	2.8*	1986-2007	-0.2*					-0.2*	-0.2*
White	1975-1980	-1.1	1980-1986	2.7*	1986-2007	-0.2*					-0.2*	-0.2*
Black	1975-1991	1.4*	1991-2007	-0.7*							-0.7*	-0.7*
SEER 13 Observ	red Incidence	b, 1992-2	007									
All Races	1992-2007	-0.1									-0.1	-0.1
White	1992-1998	0.5	1998-2007	-0.5*							-0.5*	-0.5*
White NH ^{ef}	1992-2007	0.1									0.1	0.1
Black	1992-2002	-1.3*	2002-2007	1.7							0.3	1.7
Black NH ^{ef}	1992-2002	-1.4*	2002-2007	2.0							0.5	2.0
API ^e	1992-2007	1.0*									1.0*	1.0*
AI/AN ^{eg}	1992-2007	1.1									1.1	1.1
Hispanic ^f	1992-2007	-0.2									-0.2	-0.2
U.S. Cancer Mc	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races	• •											
White												

All Races White White NH^{ef} Black

Black NH^{ef}

APTe

AI/AN^{eg}

AI/AN

Hispanicf

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 4.3 Cancer of the Female Breast (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint 1	Trend 1	Joinpoint 7	Trend 2	Joinpoint '	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	dencea, 19	75-2007									
All Races	1975-1982	0.9	1982-1987	5.3*	1987-1993	-0.3	1993-1999	1.7*	1999-2007	-2.3*	-1.8*	-2.3*
White	1975-1982	0.9	1982-1987	5.5*	1987-1993	-0.3	1993-1999	1.9*	1999-2007	-2.4*	-1.9*	-2.4*
Black	1975-1994	2.5*	1994-2007	-0.2							-0.2	-0.2
SEER 13 Delay-A	Adjusted Inci	dence ^b , 1	L992-2007									
All Races	1992-1999	1.4*	1999-2007	-2.2*							-1.8*	-2.2*
White	1992-1999	1.7*	1999-2007	-2.4*							-2.0*	-2.4*
Black	1992-2007	0.1									0.1	0.1
SEER 9 Observed	d Incidencea,	1975-200	<u>)7</u>									
All Races	1975-1982	0.9	1982-1987	5.3*	1987-1993	-0.3	1993-1999	1.7*	1999-2007	-2.4*	-1.9*	-2.4*
White	1975-1982	0.9	1982-1987	5.5*	1987-1993	-0.4	1993-1999	1.9*	1999-2007	-2.5*	-2.1*	-2.5*
Black	1975-1994	2.4*	1994-2007	-0.4							-0.4	-0.4
SEER 13 Observe	ed Incidenceb	, 1992-20	007									
All Races	1992-1999	1.4*	1999-2007	-2.3*							-1.9*	-2.3*
White	1992-1999	1.7*	1999-2007	-2.6*							-2.1*	-2.6*
White NH ^{ef}	1992-1999	1.8*	1999-2007	-2.5*							-2.0*	-2.5*
Black	1992-2007	0.0									0.0	0.0
Black NH ^{ef}	1992-2007	0.0									0.0	0.0
API ^e	1992-1994	-5.4	1994-1997	7.3	1997-2007	-0.8					-0.8	-0.8
AI/AN ^{eg}	1992-2007	-1.1									-1.1	-1.1
Hispanicf	1992-1998	1.9	1998-2007	-1.3*							-1.3*	-1.3*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanic^f

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 4.4 Cancer of the Female Breast (In Situ)

Trends in SEER Incidence^{ab} Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	Trend 2	Joinpoint 1	Trend 3	Joinpoint S	Trend 4	Joinpoint T	rend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	denceª, 19	75-2007									
All Races	1975-1981	-3.1	1981-1987	25.2*	1987-1994	3.8*	1994-1998	10.2*	1998-2007	0.4	0.4	0.4
White	1975-1981	-2.9	1981-1987	25.5*	1987-1995	3.9*	1995-1998	11.9*	1998-2007	0.2	0.2	0.2
Black	1975-1981	3.1	1981-1988	18.4*	1988-1998	7.8*	1998-2007	1.7*			1.7*	1.7*
SEER 13 Delay-A	Adjusted Inci	dence ^b , 1	992-2007									
All Races	1992-1999	7.3*	1999-2007	0.1							0.9	0.1
White	1992-1994	-0.5	1994-1998	10.8*	1998-2007	0.0					0.0	0.0
Black	1992-1998	9.0*	1998-2007	1.6*							1.6*	1.6*
SEER 9 Observed	d Incidenceª,	1975-200	17									
All Races	1975-1981	-3.1	1981-1987	25.2*	1987-1994	3.8*	1994-1998	10.2*	1998-2007	0.4	0.4	0.4
White	1975-1981	-2.9	1981-1987	25.5*	1987-1995	3.9*	1995-1998	11.9*	1998-2007	0.1	0.1	0.1
Black	1975-1981	3.1	1981-1988	18.4*	1988-1998	7.8*	1998-2007	1.6*			1.6*	1.6*
SEER 13 Observe	ed Incidenceb	, 1992-20	107									
All Races	1992-1999	7.3*	1999-2007	0.0							0.8	0.0
White	1992-1994	-0.6	1994-1998	10.8*	1998-2007	0.0					0.0	0.0
White NH ^{ef}	1992-1994	0.9	1994-1999	8.9*	1999-2007	-0.5					0.5	-0.5
Black	1992-1998	9.0*	1998-2007	1.5*							1.5*	1.5*
Black NH ^{ef}	1992-1998	8.8*	1998-2007	1.6*							1.6*	1.6*
API ^e	1992-2002	7.8*	2002-2005	-5.1	2005-2007	9.0					3.6	1.7
AI/AN ^{eg}	1992-2007	2.2									2.2	2.2
Hispanic ^f	1992-1998	8.3*	1998-2007	1.5*							1.5*	1.5*

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

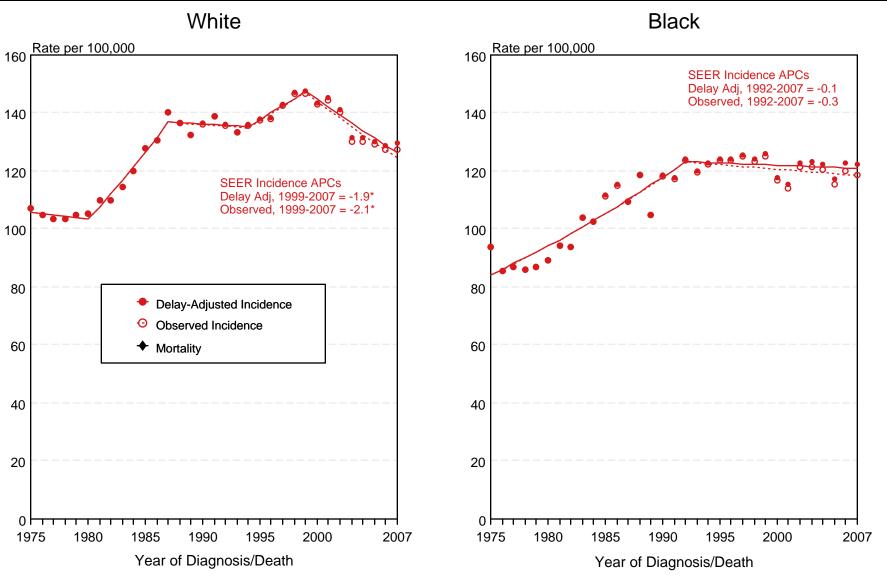
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Joinpoint regression line analysis could not be performed on data series.

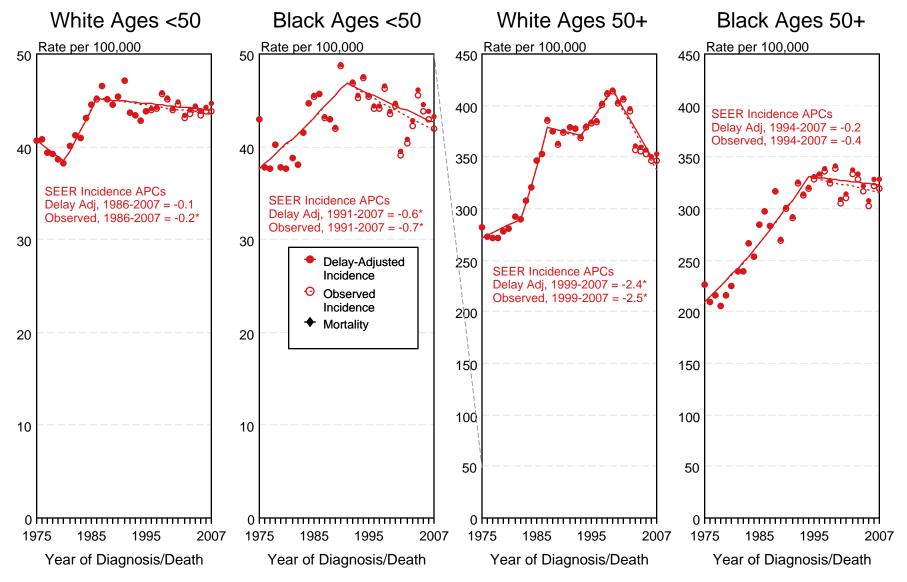
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Female Breast, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

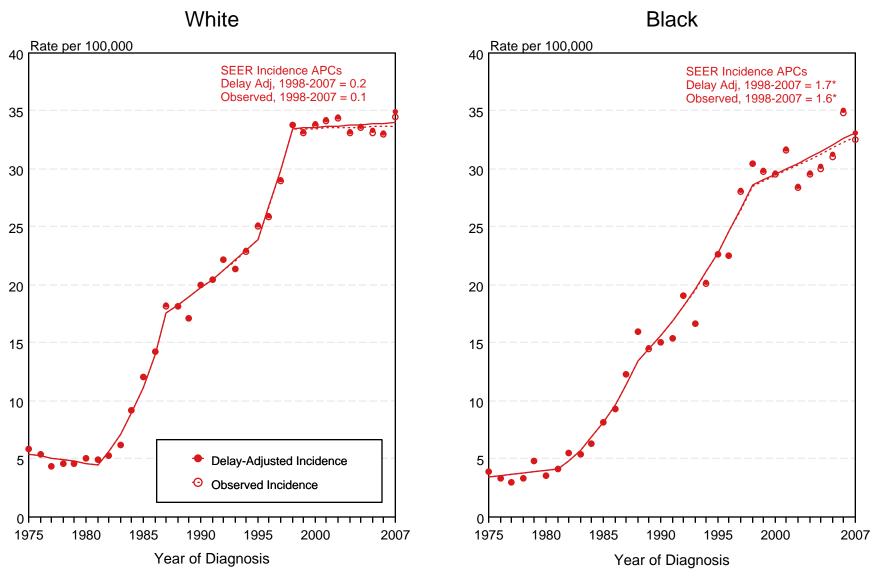
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Female Breast, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

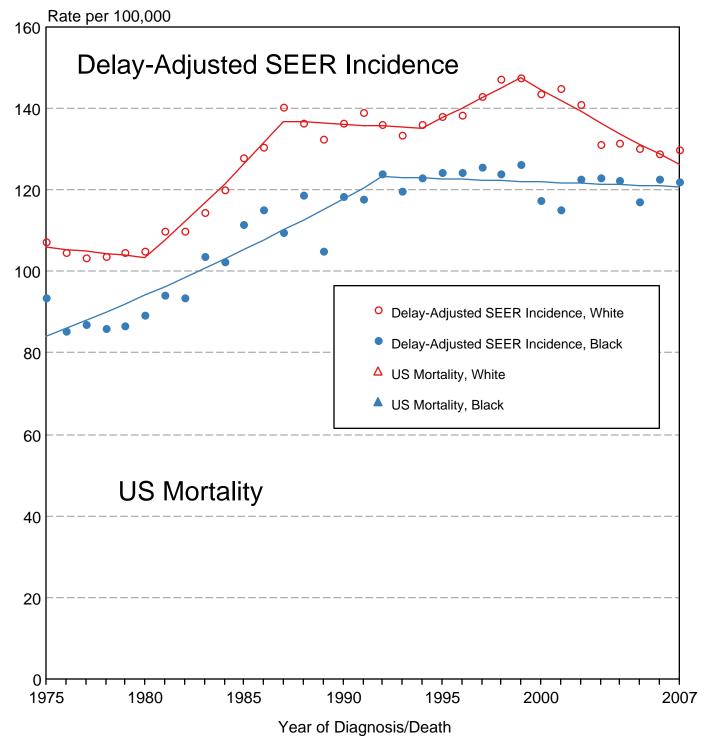
The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and Delay Adjusted Incidence Rates^a Cancer of the Female Breast (In Situ), by Race



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend. The APC is significantly different from zero (p < 0.05).</p>

Cancer of the Breast Delay-Adjusted SEER Incidence & US Mortality White Females vs Black Females 1975-2007



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Female Breast, by Race

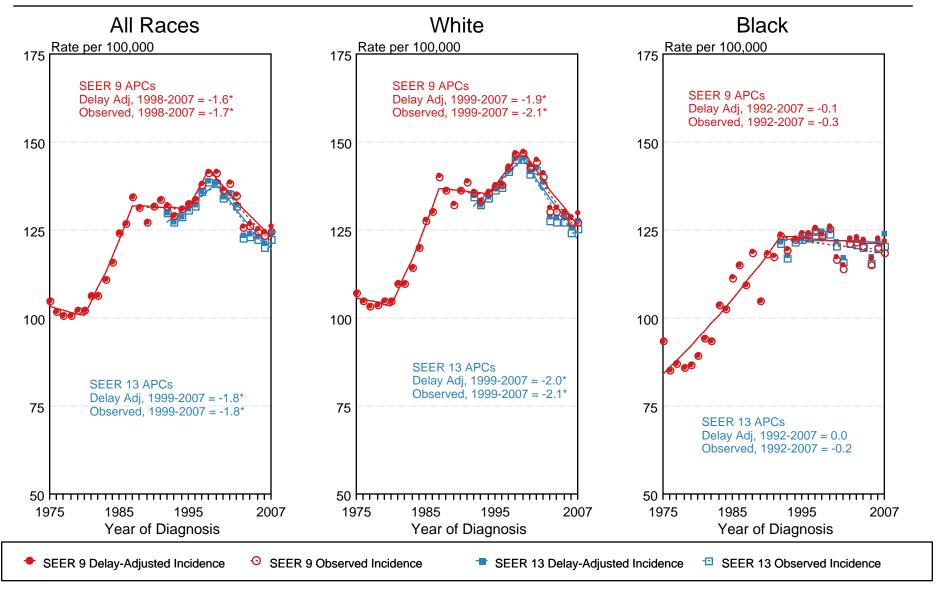


Figure 4.10

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 5.1 Cancer of the Cervix Uteri (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 7	Trend 2	Joinpoint 7	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA1	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	dencea. 1	975-2007									
All Races	1975-1982	-4.5*	1982-1991	-0.3	1991-2007	-2.8*					-2.8*	-2.8*
White	1975-1982	-4.8*	1982-1990	0.4	1990-2007	-2.5*					-2.5*	-2.5*
Black	1975-2007	-3.7*									-3.7*	-3.7*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-2.8*									-2.8*	-2.8*
White	1992-2007	-2.3*									-2.3*	-2.3*
Black	1992-1996	-0.5	1996-2007	-4.9*							-4.9*	-4.9*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1981	-4.6*	 1981-1996	-1.1*	1996-2007	-3.5*					-3.5*	-3.5*
White	1975-1982	-4.8*	1982-1990	0.5	1990-2007	-2.6*					-2.6*	-2.6*
Black	1975-2007	-3.8*									-3.8*	-3.8*
SEER 13 Observ	red Incidence	o, 1992-2	007									
All Races	1992-2007	-2.9*									-2.9*	-2.9*
White	1992-2007	-2.4*									-2.4*	-2.4*
White $\mathtt{NH}^{\mathtt{ef}}$	1992-2007	-2.3*									-2.3*	-2.3*
Black	1992-1996	-0.5	1996-2007	-5.0*							-5.0*	-5.0*
Black NH ^{ef}	1992-1996	-0.1	1996-2007	-5.1*							-5.1*	-5.1*
API ^e	1992-2007	-4.6*									-4.6*	-4.6*
AI/AN ^{eg}	1992-2007	-1.9									-1.9	-1.9
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	-4.1*									-4.1*	-4.1*
<u>U.S. Cancer Mo</u> All Races White Black	ortality ^c , 197	75-2007										
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	ortality ^c , 199	92-2007										

Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utan, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 5.2 Cancer of the Cervix Uteri (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint T	rend 2	Joinpoint '	Trend 3	<u>Joinpoint</u>	Trend 4	Joinpoint	Trend 5	AA:	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Inci	dence ^a , 1	975-2007									
All Races	1975-1982	-3.9*	1982-1990	0.9	1990-2007	-2.4*					-2.4*	-2.4*
White	1975-1982	-4.0*	1982-1989	2.1	1989-2007	-1.9*					-1.9*	-1.9*
Black	1975-2007	-3.4*									-3.4*	-3.4*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-2.4*									-2.4*	-2.4*
White	1992-2007	-2.0*									-2.0*	-2.0*
Black	1992-2007	-4.4*									-4.4*	-4.4*
SEER 9 Observe												
All Races	1975-1982	-3.9*	1982-1990	1.0	1990-2007						-2.4*	-2.4*
White	1975-1982	-4.0*	1982-1989	2.2	1989-2007	-2.0*					-2.0*	-2.0*
Black	1975-2007	-3.5*									-3.5*	-3.5*
SEER 13 Observ			007									
All Races	1992-2007	-2.5*									-2.5*	-2.5*
White		-2.1*									-2.1*	-2.1*
White NH ^{ef}	1992-2007	-1.7*									-1.7*	-1.7*
Black	1992-2007	-4.5*									-4.5*	-4.5*
Black NH ^{ef}	1992-2007	-4.6*									-4.6*	-4.6*
API ^e	1992-2007	-2.7*									-2.7*	-2.7*
AI/AN ^{eg}	1992-2007	-0.8									-0.8	-0.8
Hispanic ^f	1992-2007	-4.1*									-4.1*	-4.1*
U.S. Cancer Mo	rtality ^c , 19	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanicf												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

- Joinpoint regression line analysis could not be performed on data series.

Table 5.3 Cancer of the Cervix Uteri (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint		Joinpoint T		Joinpoint '		Joinpoint		Joinpoint		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Adjusted Incidence ^a , 1975-2007												
All Races	1975-1983	-4.9*	1983-1991	-0.8	1991-2007	-3.4*					-3.4*	-3.4*
White	1975-1985	-4.6*	1985-1991	0.1	1991-2007	-3.3*					-3.3*	-3.3*
Black	1975-2007	-3.9*									-3.9*	-3.9*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007										-3.3*	-3.3*
White	1992-2007	-2.9*									-2.9*	-2.9*
Black	1992-2007	-3.8*									-3.8*	-3.8*
SEER 9 Observe												
All Races	1975-1983	-4.9*	1983-1991	-0.8	1991-2007						-3.4*	-3.4*
White	1975-1985	-4.6*	1985-1991	0.1	1991-2007	-3.5*					-3.5*	-3.5*
Black	1975-2007	-4.0*									-4.0*	-4.0*
SEER 13 Observ	ed Incidence	o, 1992-2	007									
All Races	1992-2007	-3.3*									-3.3*	-3.3*
White	1992-2007	-3.0*									-3.0*	-3.0*
White NH ^{ef}	1992-2007	-3.2*									-3.2*	-3.2*
Black	1992-2007	-3.9*									-3.9*	-3.9*
Black NH ^{ef}	1992-2007	-3.8*									-3.8*	-3.8*
API ^e	1992-2007	-6.0*									-6.0*	-6.0*
AI/AN ^{eg}	1992-2007	-3.3									-3.3	-3.3
Hispanic ^f	1992-2007	-4.1*									-4.1*	-4.1*
U.S. Cancer Mc	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
${ t Black}$ ${ t NH}^{ t ef}$												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

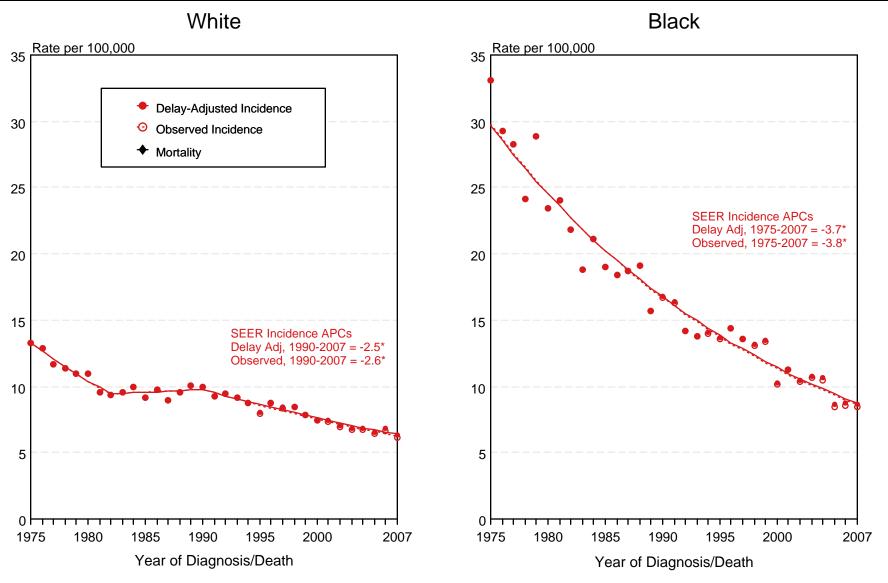
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

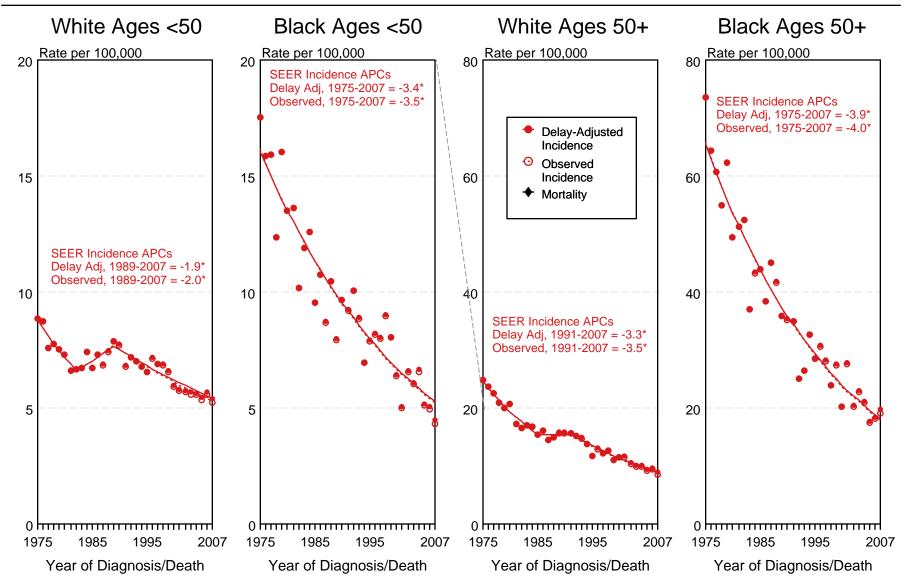
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Cervix Uteri, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

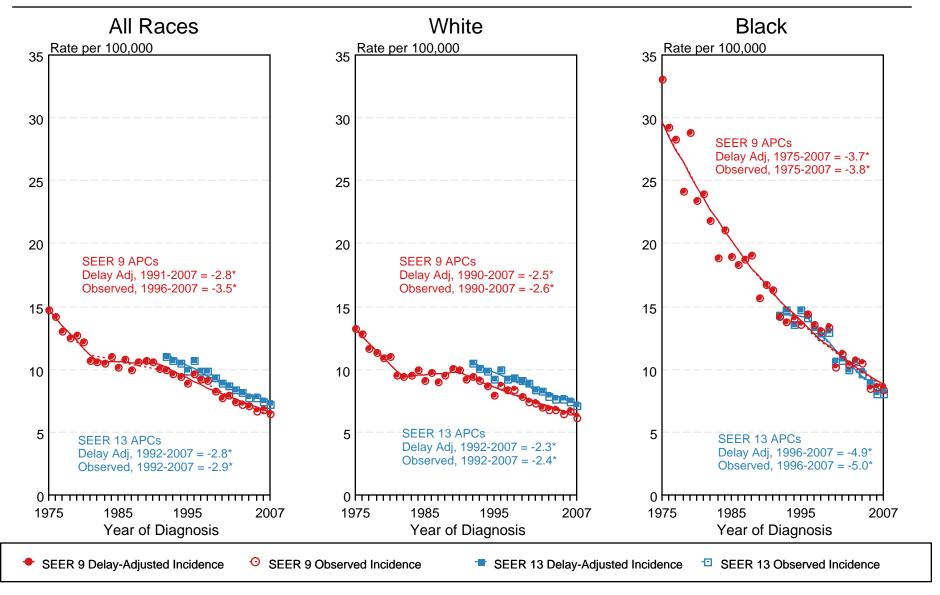
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Cervix Uteri, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Cervix Uteri, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 6.1 Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint 1	Trend 2	Joinpoint 5	Frend 3	Joinpoint Trend 4 Joinpoint Trend		Trend 5	AAPC ^d		
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	dencea, 19	975-2007									
All Races	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.6	1998-2007	-2.6*			-2.6*	-2.6*
White	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.8	1998-2007	-2.7*			-2.7*	-2.7*
Black	1975-1980	3.2*	1980-2002	-0.1	2002-2007	-2.6*					-1.5*	-2.6*
SEER 13 Delay-Adjusted Incidence ^b , 1992-2007												
All Races	1992-1995	-2.2*	1995-1998	1.8	1998-2007	-2.5*					-2.5*	-2.5*
White	1992-1995	-2.2*	1995-1998	1.9*	1998-2007	-2.7*					-2.7*	-2.7*
Black	1992-2003	-0.1	2003-2007	-3.0*							-1.4*	-3.0*
SEER 9 Observed	d Incidencea,	1975-200	<u>07</u>									
All Races	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.2	1998-2002	-2.0*	2002-2007	-3.2*	-2.7*	-3.2*
White	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.8	1998-2007	-2.8*			-2.8*	-2.8*
Black	1975-1980	3.2*	1980-2002	-0.2	2002-2007	-2.9*					-1.7*	-2.9*
SEER 13 Observe	ed Incidence ^b	, 1992-20	007									
All Races	1992-1995	-2.2*	1995-1998	1.9	1998-2007	-2.6*					-2.6*	-2.6*
White	1992-1995	-2.2*	1995-1998	2.0*	1998-2007	-2.8*					-2.8*	-2.8*
White NH ^{ef}	1992-1995	-2.2*	1995-1998	2.0	1998-2007	-2.8*					-2.8*	-2.8*
Black	1992-2003	-0.2	2003-2007	-3.4*							-1.6*	-3.4*
Black NH ^{ef}	1992-2003	-0.2	2003-2007	-3.2*							-1.5*	-3.2*
API ^e	1992-2002	-0.4	2002-2007	-3.2*							-2.0*	-3.2*
AI/AN ^{eg}	1992-2007	-0.3									-0.3	-0.3
Hispanicf	1992-1999	0.9	1999-2007	-1.7*							-1.4*	-1.7*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 6.2 Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint 7	rend 2	Joinpoint '	Trend 3	Joinpoint Trend 4 Joinpoint Trend 5		Frend 5	AAPC ^d		
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad												
All Races	1975-1985	1.1*	1985-1991	-1.2*	1991-1995	-3.2*	1995-1998	2.1	1998-2007	-3.1*	-3.1*	-3.1*
White	1975-1985	1.1*	1985-1991	-1.4*	1991-1995	-3.3*	1995-1998	2.2	1998-2007	-3.2*	-3.2*	-3.2*
Black	1975-1980	4.6	1980-2003	0.0	2003-2007	-4.8*					-2.2*	-4.8*
SEER 13 Delay-Adjusted Incidence ^b , 1992-2007												
All Races	1992-1995	-2.6*	1995-1998	1.7	1998-2007	-2.9*					-2.9*	-2.9*
White	1992-1995	-2.8*	1995-1998	1.7	1998-2007	-3.1*					-3.1*	-3.1*
Black	1992-2003	-0.2	2003-2007	-4.2*							-2.0*	-4.2*
SEER 9 Observed	d Incidencea,	1975-200	<u>)7</u>									
All Races	1975-1985	1.1*	1985-1991	-1.2*	1991-1995	-3.2*	1995-1998	2.2	1998-2007	-3.2*	-3.2*	-3.2*
White	1975-1985	1.1*	1985-1991	-1.4*	1991-1995	-3.3*	1995-1998	2.2	1998-2007	-3.3*	-3.3*	-3.3*
Black	1975-1980	4.6	1980-2003	-0.1	2003-2007	-5.2*					-2.4*	-5.2*
SEER 13 Observe	ed Incidence ^k	, 1992-20	007									
All Races	1992-1995	-2.7*	 1995-1998	1.7	1998-2007	-3.0*					-3.0*	-3.0*
White	1992-1995	-2.9*	1995-1998	1.8	1998-2007	-3.2*					-3.2*	-3.2*
White NH ^{ef}	1992-1995	-2.9*	1995-1998	1.8	1998-2007	-3.2*					-3.2*	-3.2*
Black	1992-2003	-0.2	2003-2007	-4.6*							-2.2*	-4.6*
Black NH ^{ef}	1992-2003	-0.2	2003-2007	-4.3*							-2.1*	-4.3*
API ^e	1992-2001	-0.4	2001-2007	-3.3*							-2.3*	-3.3*
AI/AN ^{eg}	1992-2007	-0.9									-0.9	-0.9
Hispanic ^f	1992-1994	-3.7	1994-1998	3.3	1998-2007	-2.3*					-2.3*	-2.3*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanicf

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 6.3 Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint 7	Trend 2	Joinpoint :	Frend 3	Joinpoint '	Trend 4	Joinpoint	Trend 5	AAI	PC _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	denceª, 1	975-2007									
All Races	1975-1985	0.3	1985-1995	-1.9*	1995-1998	1.9	1998-2007	-2.2*			-2.2*	-2.2*
White	1975-1985	0.3	1985-1995	-2.0*	1995-1998	2.2	1998-2007	-2.4*			-2.4*	-2.4*
Black	1975-1980	2.8	1980-2007	-0.4*							-0.4*	-0.4*
SEER 13 Delay-Adjusted Incidence ^b , 1992-2007												
All Races	1992-1995	-1.8*	1995-1998	2.0	1998-2007	-2.2*					-2.2*	-2.2*
White	1992-1995	-1.7	1995-1998	2.0	1998-2007	-2.4*					-2.4*	-2.4*
Black	1992-2000	0.4	2000-2007	-1.5*							-1.1*	-1.5*
SEER 9 Observed	d Incidenceª,	1975-20	07									
All Races	1975-1985	0.3	 1985-1995	-1.9*	1995-1998	2.0	1998-2007	-2.3*			-2.3*	-2.3*
White	1975-1985	0.3	1985-1995	-2.1*	1995-1998	2.2	1998-2007	-2.6*			-2.6*	-2.6*
Black	1975-2001	0.0	2001-2007	-2.1*							-1.4*	-2.1*
SEER 13 Observe	ed Incidence ^k	o, 1992-2	007									
All Races	1992-1995	-1.9*	 1995-1998	2.0	1998-2007	-2.3*					-2.3*	-2.3*
White	1992-1995	-1.8	1995-1998	2.0	1998-2007	-2.5*					-2.5*	-2.5*
White NH ^{ef}	1992-1995	-1.8	1995-1998	2.2	1998-2007	-2.6*					-2.6*	-2.6*
Black	1992-2000	0.4	2000-2007	-1.8*							-1.3*	-1.8*
Black NH ^{ef}	1992-2000	0.3	2000-2007	-1.7*							-1.2*	-1.7*
API ^e	1992-2007	-0.9*									-0.9*	-0.9*
AI/AN ^{eg}	1992-2007	0.2									0.2	0.2
Hispanic ^f	1992-2007	-0.4									-0.4*	-0.4*

U.S. Cancer Mortality^c, 1975-2007

All Races

White Black

U.S. Cancer Mortality^c, 1992-2007

All Races White

White NH^{ef}

Black

Black NH^{ef}

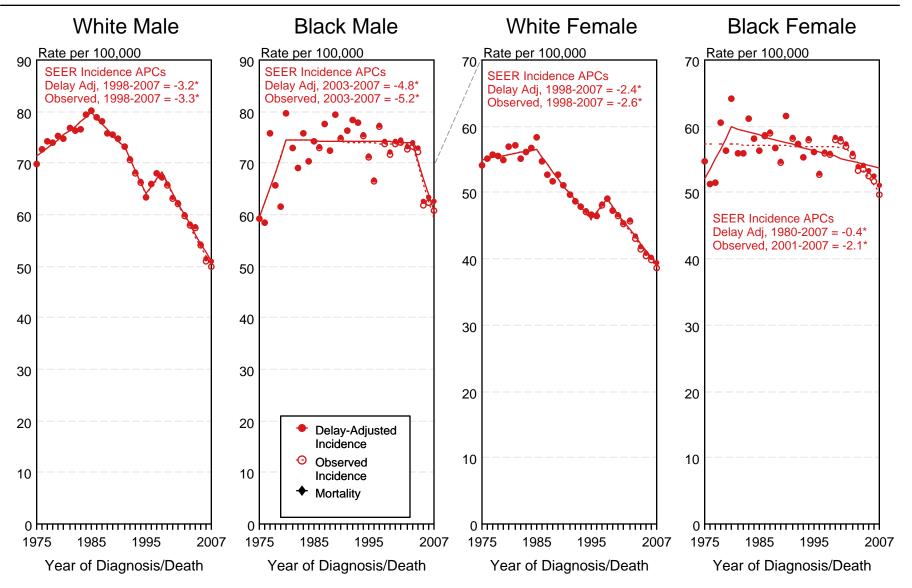
API^e

AI/AN^{eg}

Hispanicf

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

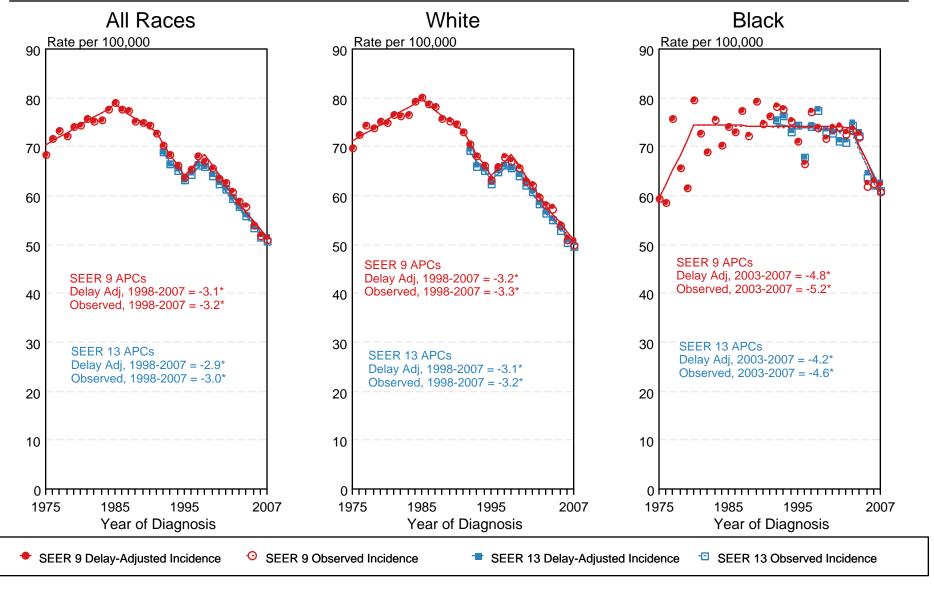
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Colon and Rectum, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

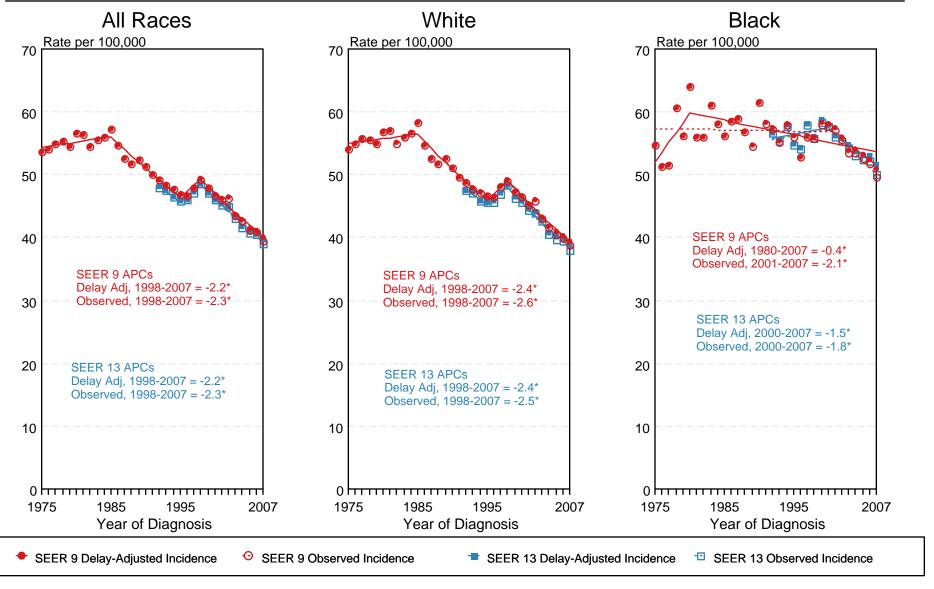
SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Colon and Rectum, Male, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Colon and Rectum, Female, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 7.1 Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 5	Trend 2	Joinpoint T	rend 3	Joinpoint '	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incide	enceª, 1	975-2007									
All Races	1975-1979	-6.0*	1979-1988	-1.7*	1988-1997	0.6*	1997-2007	-0.4*			-0.4*	-0.4*
White	1975-1979	-6.1*	1979-1988	-1.6*	1988-1997	0.7*	1997-2007	-0.6*			-0.6*	-0.6*
Black	1975-1992	-0.5	1992-2007	1.7*							1.7*	1.7*
SEER 13 Delay-	-Adjusted Incid	dence ^b ,	1992-2007									
All Races	1992-1997	0.8	1997-2003	-1.0	2003-2007	0.4					-0.4	0.4
White	1992-1998	0.6	1998-2003	-1.4	2003-2007	0.3					-0.6	0.3
Black	1992-2007	1.7*									1.7*	1.7*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1979	-6.0*	1979-1988	-1.7*	1988-1997	0.7*	1997-2007	-0.5*			-0.5*	-0.5*
White	1975-1979	-6.1*	1979-1988	-1.7*	1988-1997	0.7*	1997-2007	-0.7*			-0.7*	-0.7*
Black	1975-1987	-1.2	1987-2007	1.2*							1.2*	1.2*
SEER 13 Observ	red Incidenceb,	, 1992-20	007									
All Races	1992-1997	0.6	1997-2007	-0.6*							-0.6*	-0.6*
White	1992-1997	0.6	1997-2007	-0.8*							-0.8*	-0.8*
White NH ^{ef}	1992-1997	0.7	1997-2007	-0.8*							-0.8*	-0.8*
Black	1992-2007	1.5*									1.5*	1.5*
Black NH ^{ef}	1992-2007	1.5*									1.5*	1.5*
API ^e	1992-2007	1.2*									1.2*	1.2*
AI/AN ^{eg}	1992-2007	2.1									2.1*	2.1*
Hispanic ^f	1992-2007	0.7*									0.7*	0.7*
	. 1'. 6 1000	- 0005										

U.S. Cancer Mortality^c, 1975-2007

All Races

White Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Black

API^e
AI/AN^{eg}
Hispanic^f

Black NH^{ef}

Table 7.2 Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER Incidence and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Inci	denceª, 1	975-2007									
All Races	1975-1985	-3.4*	1985-2007	0.8*							0.8*	0.8*
White	1975-1984	-3.7*	1984-2007	0.5*							0.5*	0.5*
Black	1975-1985	-5.3*	1985-2007	2.5*							2.5*	2.5*
SEER 13 Delay-	Adjusted Inc.	idence ^b ,	1992-2007									
All Races	1992-2007	1.1*									1.1*	1.1*
White	1992-2007	1.0*									1.0*	1.0*
Black	1992-1999	-1.0	1999-2002	16.4	2002-2007	-6.2*					1.4	-6.2*
SEER 9 Observe	ed Incidencea	, 1975-20	07									
All Races	1975-1985	-3.4*	1985-2007	0.8*							0.8*	0.8*
White	1975-1984	-3.7*	1984-2007	0.4*							0.4*	0.4*
Black	1975-1985	-5.2*	1985-2007	2.4*							2.4*	2.4*
SEER 13 Observ	red Incidence	b, 1992-2	007									
All Races	1992-2007	1.0*									1.0*	1.0*
White	1992-2007	0.9*									0.9*	0.9*
White NH ^{ef}	1992-2007	0.6*									0.6*	0.6*
Black	1992-1999	-1.1	1999-2002	16.3	2002-2007	-6.5*					1.2	-6.5*
Black NH ^{ef}	1992-1999	-1.6	1999-2002	17.4	2002-2007	-6.4*					1.5	-6.4*
API ^e	1992-2007	1.1*									1.1*	1.1*
AI/AN ^{eg}	1992-2007	0.7									0.7	0.7
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	1.9*									1.9*	1.9*
<u>U.S. Cancer Mo</u> All Races White Black	ortality ^c , 197	<u>75-2007</u>										
<u>U.S. Cancer Mo</u> All Races White White NH ^{ef}	ortality ^c , 199	92-2007										

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 7.3 Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint 7	Frend 1	Joinpoint 7	Frend 2	Joinpoint T	rend 3	Joinpoint '	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	dencea, 1	975-2007									
All Races	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.6*	1997-2007	-0.7*			-0.7*	-0.7*
White	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.8*	1997-2007	-0.9*			-0.9*	-0.9*
Black	1975-2007	0.6*									0.6*	0.6*
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2007									
All Races	1992-1997	0.9	1997-2003	-1.4*	2003-2007	0.4					-0.6	0.4
White	1992-1997	0.9	1997-2003	-1.5*	2003-2007	0.0					-0.8	0.0
Black	1992-2007	1.6*									1.6*	1.6*
SEER 9 Observe	d Incidencea,	1975-20	07									
All Races	1975-1979	-6.2*	 1979-1988	-1.7*	1988-1997	0.6*	1997-2007	-0.8*			-0.8*	-0.8*
White	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.8*	1997-2007	-1.0*			-1.0*	-1.0*
Black	1975-2007	0.6*									0.6*	0.6*
SEER 13 Observ	ed Incidence ^k	, 1992-2	007									
All Races	1992-1997	0.9	1997-2003	-1.4*	2003-2007	0.2					-0.7	0.2
White	1992-1997	0.7	1997-2007	-1.1*							-1.1*	-1.1*
White NH ^{ef}	1992-1997	0.8	1997-2007	-1.0*							-1.0*	-1.0*
Black	1992-2007	1.5*									1.5*	1.5*
Black NH ^{ef}	1992-2007	1.4*									1.4*	1.4*
API ^e	1992-2007	1.2*									1.2*	1.2*
AI/AN ^{eg}	1992-2007	2.6*									2.6*	2.6*
Hispanic ^f	1992-2007	0.4									0.4	0.4

U.S. Cancer Mortality^c, 1975-2007

All Races

White Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

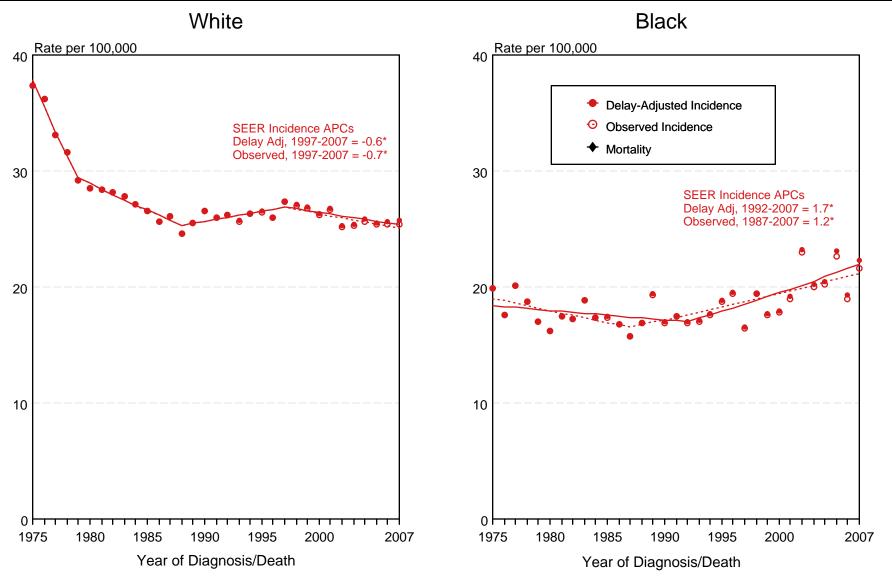
Hispanic^f

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
 - API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

 Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

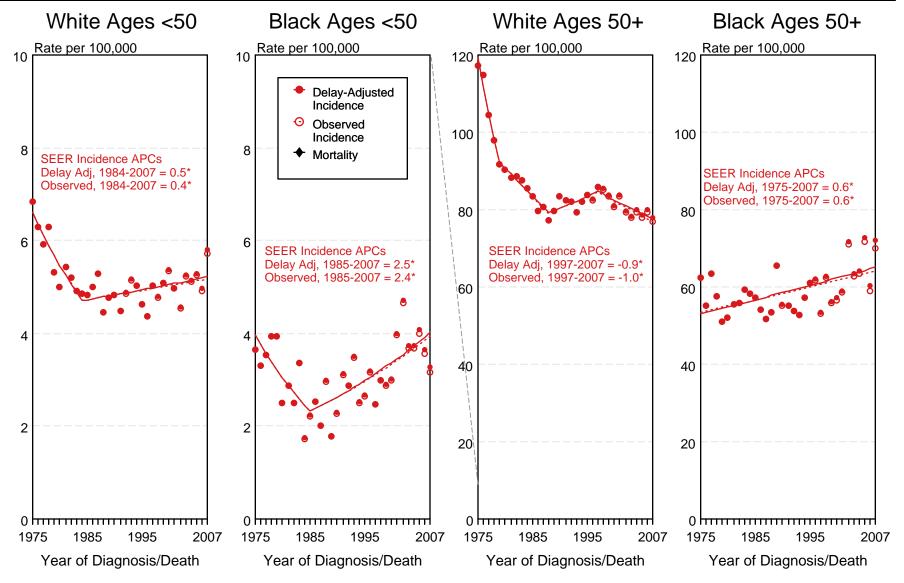
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Corpus and Uterus, NOS, by Race

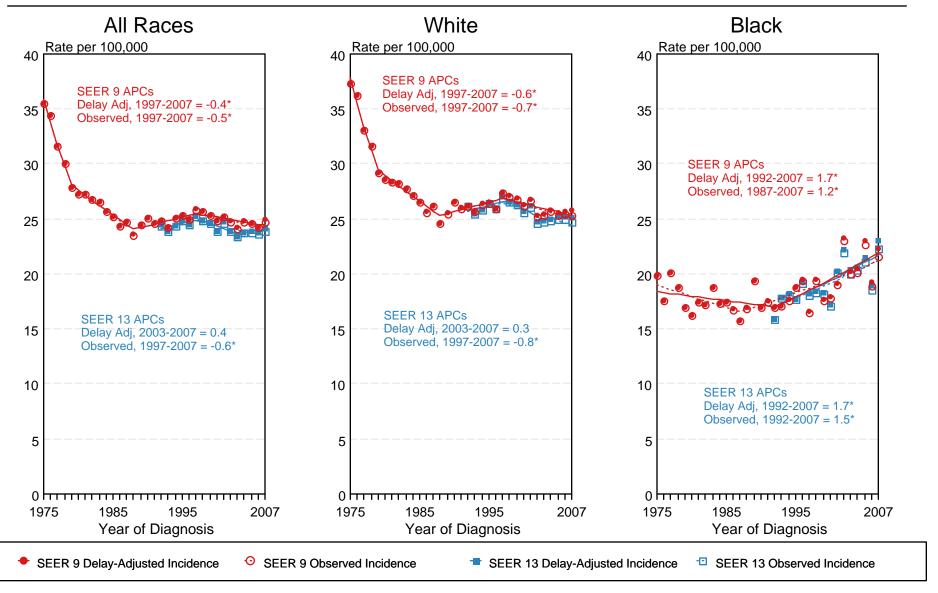


Figure 7.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 8.1 Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 5	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	lencea, 1	975-2007									
All Races	1975-2007	0.5*									0.5*	0.5*
White	1975-2007	1.3*									1.3*	1.3*
Black	1975-1986	1.1	1986-2007	-4.5*							-4.5*	-4.5*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2007									
All Races	1992-2007	-0.2									-0.2	-0.2
White	1992-2007	0.8*									0.8*	0.8*
Black	1992-2007	-4.8*									-4.8*	-4.8*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-2007	0.4*									0.4*	0.4*
White	1975-2004	1.4*	2004-2007	-1.8							0.3	-1.0
Black	1975-1986	1.1	1986-2007	-4.5*							-4.5*	-4.5*
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-2007	-0.2									-0.2	-0.2
White	1992-2007	0.8*									0.8*	0.8*
White NH ^{ef}	1992-2004	1.7*	2004-2007	-2.8							0.2	-1.7
Black	1992-2007	-4.9*									-4.9*	-4.9*
Black NH ^{ef}	1992-2007	-5.0*									-5.0*	-5.0*
API ^e	1992-2007	-1.5*									-1.5*	-1.5*
AI/AN ^{eg}	1992-2007	2.3									2.3	2.3
Hispanic ^f	1992-2007	-1.6*									-1.6*	-1.6*
U.S. Cancer Mo	rtality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ exttt{Hispanic}^{ ext{f}}$												
										,		

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 8.2 Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	lenceª, 1	975-2007									
All Races	1975-2007	0.6*									0.6*	0.6*
White	1975-2007	1.6*									1.6*	1.6*
Black	1975-1986	1.2	1986-2007	-4.9*							-4.9*	-4.9*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2007									
All Races	1992-2007	0.0									0.0	0.0
White	1992-2007	1.0*									1.0*	1.0*
Black	1992-2007	-5.2*									-5.2*	-5.2*
SEER 9 Observe	d Incidencea,	1975-20	07									
All Races	1975-2007	0.6*									0.6*	0.6*
White	1975-2007	1.6*									1.6*	1.6*
Black	1975-1986	1.2	1986-2007	-4.9*							-4.9*	-4.9*
SEER 13 Observ	ed Incidenceb	, 1992-2	007									
All Races	1992-2007	-0.1									-0.1	-0.1
White	1992-2007	0.9*									0.9*	0.9*
White NH ^{ef}	1992-2004	1.9*	2004-2007	-2.9							0.3	-1.7
Black	1992-2007	-5.2*									-5.2*	-5.2*
Black NH ^{ef}	1992-2007	-5.3*									-5.3*	-5.3*
API ^e	1992-2007	-1.9*									-1.9*	-1.9*
AI/AN ^{eg}	1992-2007	-0.9									-0.9	-0.9
Hispanic ^f	1992-2007	-1.7*									-1.7*	-1.7*
U.S. Cancer Mo	rtality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
Toinnoi	nt Dogradaion	Drogram	Version 3 4	2 April	0010 Nation	-1 0	Ingtitute (i	h++•//	ah gangay gay	. /	- / \	

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 8.3 Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAl	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	denceª. 1	975-2007									
All Races	1975-2007										-0.3*	-0.3*
White	1975-2007	0.1									0.1	0.1
Black	1975-1980	10.5	1980-2007	-2.8*							-2.8*	-2.8*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007										-0.9*	-0.9*
White	1992-2007	-0.2									-0.2	-0.2
Black	1992-2007	-4.1*									-4.1*	-4.1*
SEER 9 Observe			007									
All Races	1975-2007										-0.4*	-0.4*
White	1975-2007	0.1									0.1	0.1
Black	1975-1980	10.5	1980-2007	-2.8*							-2.8*	-2.8*
SEER 13 Observ		-	2007									
All Races	1992-2007	-0.9*									-0.9*	-0.9*
White	1992-2007	-0.3									-0.3	-0.3
White NH ^{ef}	1992-2007	0.0									0.0	0.0
Black	1992-2007										-4.1*	-4.1*
Black NH ^{ef}	1992-2007										-4.1*	-4.1*
API ^e	1992-2007	0.7									0.7	0.7
AI/AN ^{eg}		-									-	-
Hispanic ^f	1992-2007	-2.2									-2.2	-2.2
U.S. Cancer Mo	rtality ^c , 197	<u>75-2007</u>										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
			Novaion 2 4			_						

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

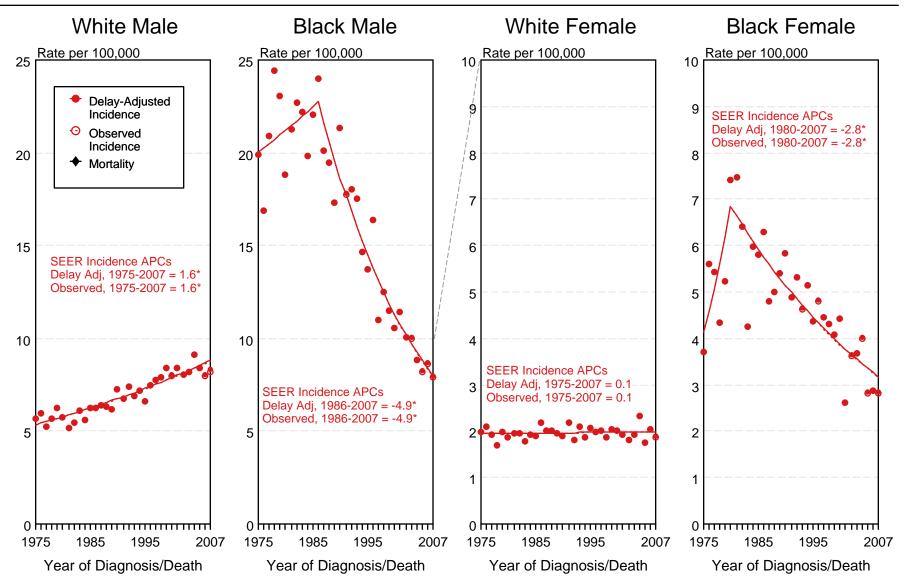
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Esophagus, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Esophagus, Male, by Race

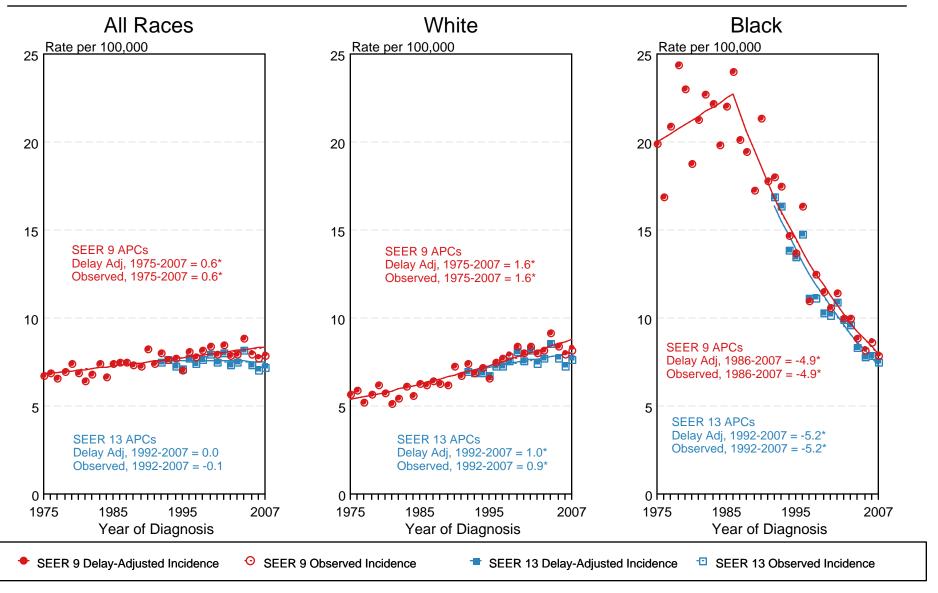
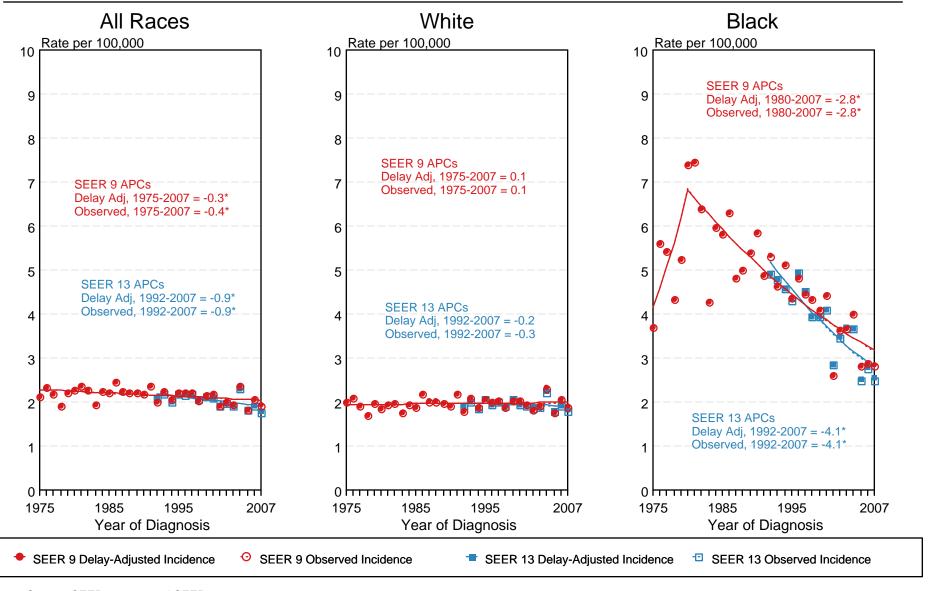


Figure 8.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Esophagus, Female, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 9.1 Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 5	Trend 2	Joinpoint T	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	oCq
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	lenceª, 1	975-2007									
All Races	1975-1989	0.3	1989-2001	-0.9*	2001-2007	2.3*					1.2*	2.3*
White	1975-1989	0.6*	1989-2001	-1.0*	2001-2007	2.0*					1.0	2.0*
Black	1975-2007	1.3*									1.3*	1.3*
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2007									
All Races	1992-2003	-0.1	2003-2007	2.3*							1.0*	2.3*
White	1992-2003	-0.1	2003-2007	1.9							0.8	1.9
Black	1992-2007	1.1									1.1*	1.1*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1989	0.3	 1989-2001	-0.9*	2001-2007	2.1*					1.1*	2.1*
White	1975-1989	0.6*	1989-2001	-1.0*	2001-2007	1.9					0.9	1.9*
Black	1975-2007	1.2*									1.2*	1.2*
SEER 13 Observ	ed Incidenceb	, 1992-2	007									
All Races	1992-2001	-0.3	2001-2007	1.4*							0.8*	1.4*
White	1992-1998	0.7	1998-2001	-2.1	2001-2007	1.6*					0.4	1.6*
White NH ^{ef}	1992-2004	0.2	2004-2007	2.6							1.0	2.0
Black	1992-2007	1.0									1.0	1.0
Black NH ^{ef}	1992-2007	1.0									1.0	1.0
API ^e	1992-2007	3.5*									3.5*	3.5*
AI/AN ^{eg}	-	-									-	-
Hispanic ^f	1992-2007	0.1									0.1	0.1
U.S. Cancer Mo	ertality ^c , 197	5-2007										

All Races

White Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.

Table 9.2 Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint T	rend 2	<u>Joinpoin</u> Years	t Trend 3 APC	Joinpoint	Trend 4	<u>Joinpoint</u> Years	Trend 5	AA]	PC ^d 2003-2007
	Years		Years	APC	rears	APC	Years	APC	rears	APC	1997-2007	2003-2007
<u>SEER 9 Delay-A</u> All Races White Black	<u>djusted Incid</u> 1975–2004 1975–2004 1975–2007	dence ^a , 1 -0.7* -0.6* 0.4	<u>.975-2007</u> 2004-2007 2004-2007	5.1 4.4							1.2 1.0 0.4	3.6 3.1 0.4
SEER 13 Delay- All Races White Black	Adjusted Inc. 1992-2007 1992-2007 1992-2007	0.4 0.3 1.4*	1992-2007								0.4 0.3 1.4*	0.4 0.3 1.4*
<u>SEER 9 Observe</u> All Races White Black	ed Incidence ^a , 1975-2004 1975-2004 1975-2007	-0.7* -0.6* 0.3	2004-2007 2004-2007	4.8 4.0							1.1 0.9 0.3	3.4 2.8 0.3
SEER 13 Observed All Races White White NHef Black Black NHef APIe AI/ANeg Hispanicf	red Incidence ¹ 1992-2007 1992-2007 1992-2007 1992-2007 1992-2007 1992-2007	0.3 0.2 0.5 1.3 1.2 2.8*	<u>:007</u>								0.3 0.2 0.5 1.3* 1.2 2.8*	0.3 0.2 0.5 1.3* 1.2 2.8*
<u>U.S. Cancer Mo</u> All Races White Black	ortality ^c , 197	75-2007										
U.S. Cancer Mc All Races White White NHef Black Black NHef APIe AI/ANeg Hispanicf	ortality ^c , 199	92-2007										
Toinnoi	nt Pearession	n Drogram	Version 3 4 3	2 April	2010 Natio	nal Cancer	Institute (http://ara	ah dander dos	/ioinnoin	+ /)	

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 9.3 Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	Adiusted Incid	ence ^a 1	975-2007									
All Races	1975-2007	0.4*	<u> </u>								0.4*	0.4*
White	1975-2007	0.4*									0.4*	0.4*
Black	1975-2007	2.5*									2.5*	2.5*
SEER 13 Delay-	-Adiusted Inci	denceb	1992-2007									
All Races	1992-2007	0.4	1992 2007								0.4	0.4
White	1992-2007	0.3									0.3	0.3
Black	1992-2007	0.8									0.8	0.8
SEER 9 Observe	ed Incidence ^a	1975-20	07									
All Races	1975-2007	0.4*	<u>0 7</u>								0.4*	0.4*
White	1975-2007	0.3*									0.3*	0.3*
Black	1975-2007	2.4*									2.4*	2.4*
SEER 13 Observ	zed Incidenceb	1992-2	007									
All Races	1992-2007	0.3	<u> </u>								0.3	0.3
White	1992-2007	0.2									0.2	0.2
White NH ^{ef}	1992-2007	0.5									0.5	0.5
Black	1992-2007	0.7									0.7	0.7
Black NH ^{ef}	1992-2007	0.8									0.8	0.8
API ^e	1992-2007	4.4*									4.4*	4.4*
AI/AN ^{eg}	_	_									_	_
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	0.3									0.3	0.3
U.S. Cancer Mo	ortality ^c , 197	5-2007										
All Races	-											
White												
Black												
U.S. Cancer Mo	ortality ^c 199	2-2007										
All Races	orcarrey, 1991	2007										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
T = -1 = -1	int Dogwoodien	D	T7	2 2	0010 Matia	1	T	h++ • / /	- la	/	<u>.</u> /\	

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

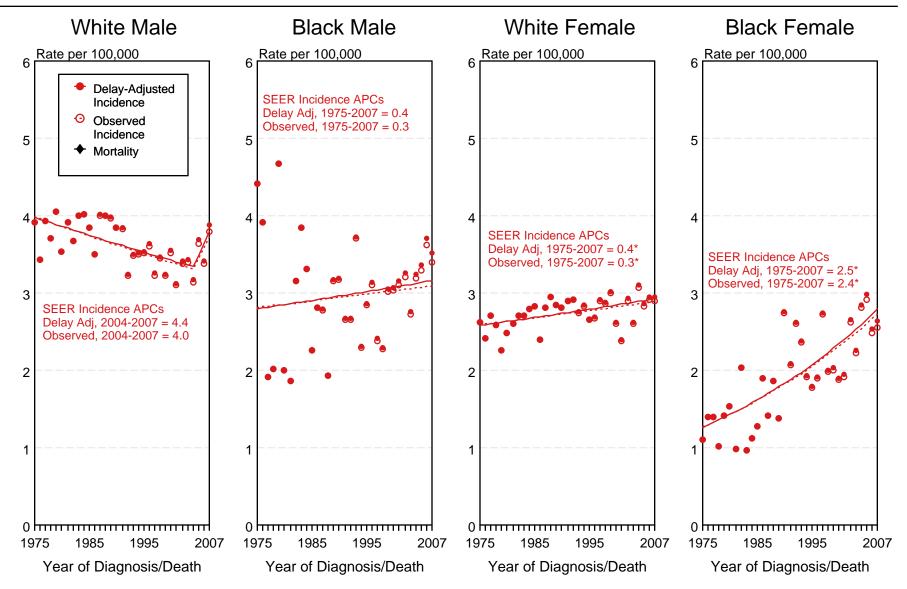
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Hodgkin Lymphoma, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Hodgkin Lymphoma, Male, by Race

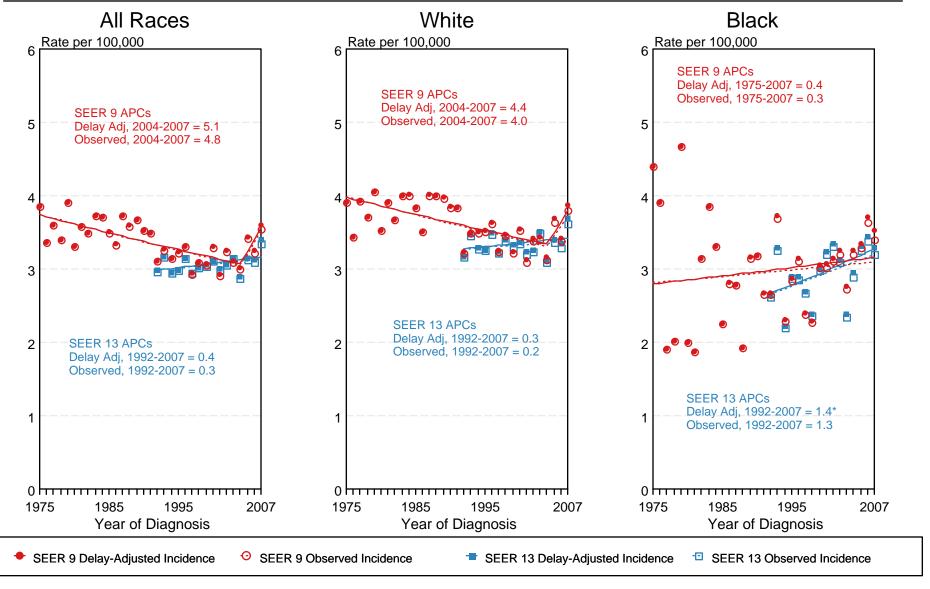
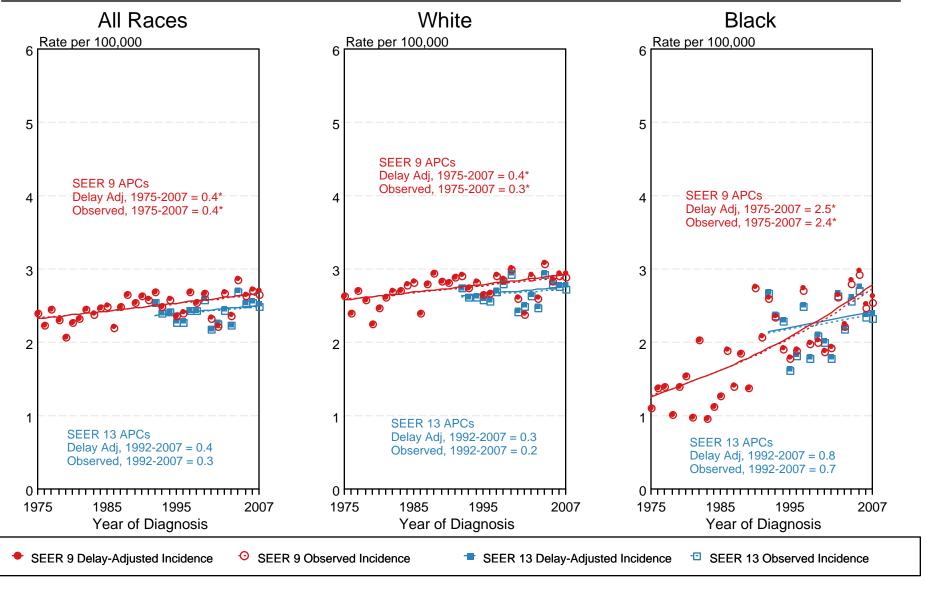


Figure 9.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Hodgkin Lymphoma, Female, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

APIe AI/AN^{eg} Hispanic^f

Table 11.1 Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 1	Trend 1	Joinpoint T	Trend 2	Joinpoint T	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	Adjusted Incid	dencea. 1	975-2007									
All Races	1975-1992	2.4*	1992-1997	0.6	1997-2007	2.9*					2.9*	2.9*
White	1975-1991	2.4*	1991-1997	0.7	1997-2007	2.9*					2.9*	2.9*
Black	1975-2007	2.8*									2.8*	2.8*
SEER 13 Delay-	-Adjusted Inci	denceb,	1992-2007									
All Races	1992-1997	1.0	1997-2007	2.7*							2.7*	2.7*
White	1992-1997	1.1	1997-2007	2.8*							2.8*	2.8*
Black	1992-2007	2.1*									2.1*	2.1*
SEER 9 Observe	ed Incidencea,	1975-20	<u>07</u>									
All Races	1975-1991	2.4*	1991-1997	0.9	1997-2007	2.6*					2.6*	2.6*
White	1975-1991	2.4*	1991-1997	0.8	1997-2007	2.7*					2.7*	2.7*
Black	1975-2007	2.7*									2.7*	2.7*
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-1997	1.1*	1997-2007	2.5*							2.5*	2.5*
White	1992-2007	2.2*									2.2*	2.2*
White NH ^{ef}	1992-2007	2.2*									2.2*	2.2*
Black	1992-2007	2.0*									2.0*	2.0*
Black NH ^{ef}	1992-2007	2.0*									2.0*	2.0*
API ^e	1992-2007	2.6*									2.6*	2.6*
AI/AN ^{eg}	1992-2007	0.8									0.8	0.8
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	2.5*									2.5*	2.5*
U.S. Cancer Mc All Races White Black	ortality ^c , 197	5-2007										
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef}	ortality ^c , 199	<u>2-2007</u>										

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Joinpoint regression line analysis could not be performed on data series.

Table 11.2 Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

Years APC		Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
All Races								Years	APC				
All Races	SEER 9 Delay-A	Adiusted Incid	ence ^a 1	975-2007									
Mite				<u> </u>								1.8*	1.8*
Black 1975-2007 2.7* 2.7* 2.7* 2.7* 2.7* 2.7* 2.7* 2.7* 2.7* 2.8* 2.8* 2.0* 2.0* 2.0* 2.0* 2.0* 2.0* 2.1* 2													
All Races 1992-2007 2.0* White 1992-2007 2.0* BEER 9 Observed Incidence*, 1975-2007 All Races 1975-2007 1.8* Mide 1975-2007 2.6* Mide 1992-2007 1.9* Mide 1992-2007 1.9* Mide 1992-2007 1.9* Mide 1992-2007 1.8* Black 1992-2007 1.8* Mide 1992-2007 2.1* All Races 1992-2007 2.1* All Air 1.8* API* 1992-2007 2.1* AIR 1.8* API* 1992-2007 2.2* Mide Mortility*, 1972-2007 All Races Mortality*, 1972-2007 All Races Mide Mortility*, 1972-2007 All Races Mide Mortility*, 1972-2007 All Races Mide Mide Mide Mide Mide Mide Mide Mide													
All Races 1992-2007 2.0* White 1992-2007 2.0* BEER 9 Observed Incidence*, 1975-2007 All Races 1975-2007 1.8* Mide 1975-2007 2.6* Mide 1992-2007 1.9* Mide 1992-2007 1.9* Mide 1992-2007 1.9* Mide 1992-2007 1.8* Black 1992-2007 1.8* Mide 1992-2007 2.1* All Races 1992-2007 2.1* All Air 1.8* API* 1992-2007 2.1* AIR 1.8* API* 1992-2007 2.1* AIR 1.8* API* 1992-2007 2.1* AIR 1.8* API* 1992-2007 2.2* Mide Mortality*, 1975-2007 All Races Mortality*, 1975-2007 All Races Mide Mortality*, 1975-2007 All Races Mide Mide Mortality*, 1992-2007 All Races Mide Mide Mide Mide Mide Mide Mide Mide	SEER 13 Delay-	-Adiusted Inci	dence ^b .	1992-2007									
White												2.0*	2.0*
Black 1992-2007 2.0* 2.0* 2.0*													
Races 1975-2007 1.8* 1.8* 1.8* 1.8* 1.7* 1		1992-2007	2.0*									2.0*	2.0*
Races 1975-2007 1.8* 1.8* 1.8* 1.8* 1.7* 1	SEER 9 Observe	ed Incidencea,	1975-20	07									
Black 1975-2077 2.6* 2												1.8*	1.8*
SEER 13 Observed Incidence 1992-2007 1.9* All Races	White	1975-2007	1.7*									1.7*	1.7*
All Races 1992-2007 1.9* White 1992-2007 1.9* White NHef 1992-2007 1.9* Black 1992-2007 1.8* Black 1992-2007 1.8* Black NHef 1992-2007 2.1* Al/ANPS 1992-2007 2.1* Al/ANPS 1992-2007 2.2* U.S. Cancer Mortalityc, 1975-2007 All Races White Black White NHef Black All Races White White NHef Black All Races White All Races	Black	1975-2007	2.6*									2.6*	2.6*
All Races 1992-2007 1.9* White 1992-2007 1.9* White NHef 1992-2007 1.9* Black 1992-2007 1.8* Black 1992-2007 1.8* Black NHef 1992-2007 2.1* Al/ANPS 1992-2007 2.1* Al/ANPS 1992-2007 2.2* U.S. Cancer Mortalityc, 1975-2007 All Races White Black Black NHef Black NHef Black NHef Alf Ances White White NHef Black NHef Black NHef Black NHef Alf Ances White Alf Ances Black NHef Black NHef Alf Ances	SEER 13 Observ	ved Incidenceb	, 1992-2	007									
White NHef 1992-2007 1.9* Black 1992-2007 1.8* Black NHef 1992-2007 1.8* API° 1992-2007 2.1* AI/ANeg 1992-2007 0.2 Hispanicf 1992-2007 0.2 1992-2007 2.2* U.S. Cancer Mortalityc, 1975-2007 All Races White Black White White White White White White All Races White White All Races												1.9*	1.9*
Black 1992-2007 1.8*			1.9*									1.9*	1.9*
Black 1992-2007 1.8* 1.8* 1.8* 1.8* 1.8* 1.8* 1.9* 1.992-2007 1.8* 1.	White NH ^{ef}	1992-2007	1.9*									1.9*	1.9*
API	Black		1.8*									1.8*	1.8*
AI/AN ^{eg} 1992-2007 0.2 Hispanic ^f 1992-2007 2.2* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 Hispanic ^f 1992-2007 All Races White Black White White NH ^{ef} Black B	Black NH ^{ef}	1992-2007	1.8*									1.8*	1.8*
Hispanic ^f 1992-2007 2.2* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	API ^e	1992-2007	2.1*									2.1*	2.1*
U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg}	AI/AN ^{eg}	1992-2007	0.2									0.2	0.2
All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	Hispanic ^f	1992-2007	2.2*									2.2*	2.2*
White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	U.S. Cancer Mc	ortality ^c , 197	5-2007										
Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	All Races												
U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	White												
All Races White White NHef Black Black NHef APIe AI/ANeg	Black												
All Races White White NHef Black Black NHef APIe AI/ANeg	II S Cancer Mc	ortality ^c 1993	2-2007										
White White NHef Black Black NHef APIe AI/ANeg		orearrey , 1991	2007										
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}													
Black Black NH ^{ef} API ^e AI/AN ^{eg}													
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 11.3 Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 7	Trend 2	Joinpoint 1	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA:	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	denceª, 1	975-2007									
All Races	1975-1993	2.7*	1993-1999	0.8	1999-2007	3.7*					3.4*	3.7*
White	1975-1993	2.8*	1993-1997	-0.5	1997-2007	3.5*					3.5*	3.5*
Black	1975-2007	2.9*									2.9*	2.9*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-1998	1.2	1998-2007	3.0*							3.0*	3.0*
White	1992-1997	0.7	1997-2007	3.1*							3.1*	3.1*
Black	1992-2007	2.3*									2.3*	2.3*
SEER 9 Observe	ed Incidencea,	1975-20	<u>07</u>									
All Races	1975-2007	2.3*									2.3*	2.3*
White	1975-1993	2.8*	1993-1997	-0.4	1997-2007	3.3*					3.3*	3.3*
Black	1975-2007	2.8*									2.8*	2.8*
SEER 13 Observ	red Incidence	°, 1992-2	007									
All Races	1992-2007	2.3*									2.3*	2.3*
White	1992-2007	2.4*									2.4*	2.4*
White NH ^{ef}	1992-1996	-0.3	1996-2007	2.8*							2.8*	2.8*
Black	1992-2007	2.1*									2.1*	2.1*
Black NH ^{ef}	1992-2007	2.2*									2.2*	2.2*
API ^e	1992-2007	3.5*									3.5*	3.5*
AI/AN ^{eg}	1992-2007	1.3									1.3	1.3
$ exttt{Hispanic}^{ ext{f}}$	1992-2007	2.7*									2.7*	2.7*
U.S. Cancer Mc	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

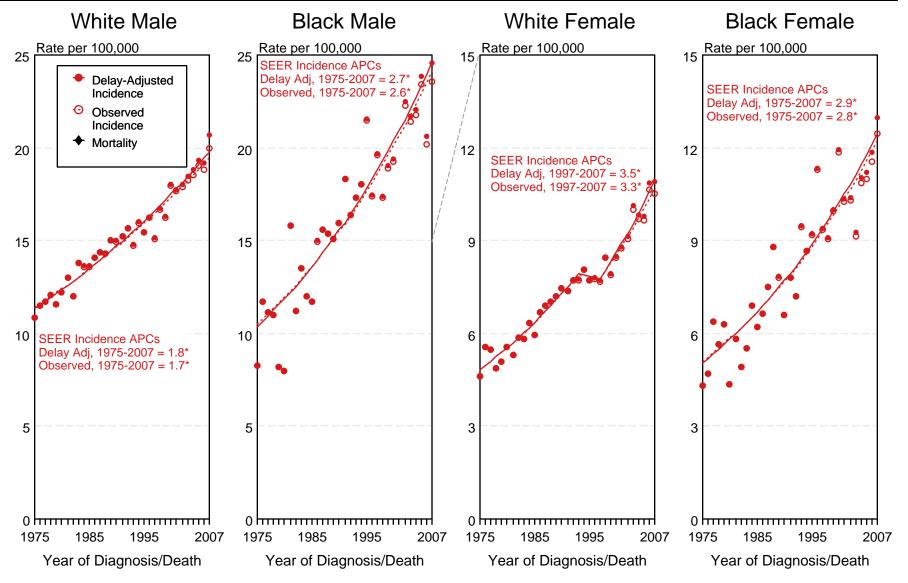
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

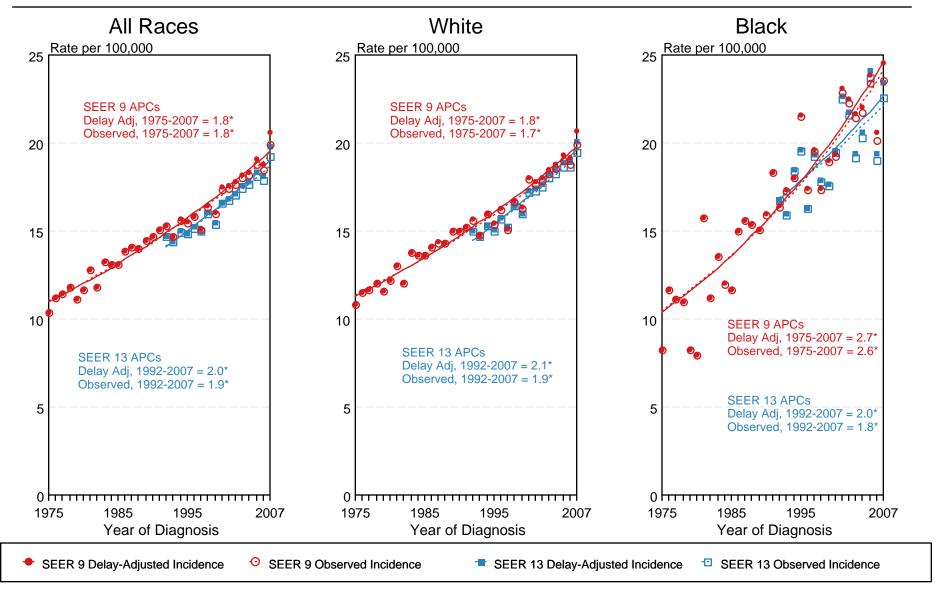
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Kidney and Renal Pelvis, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

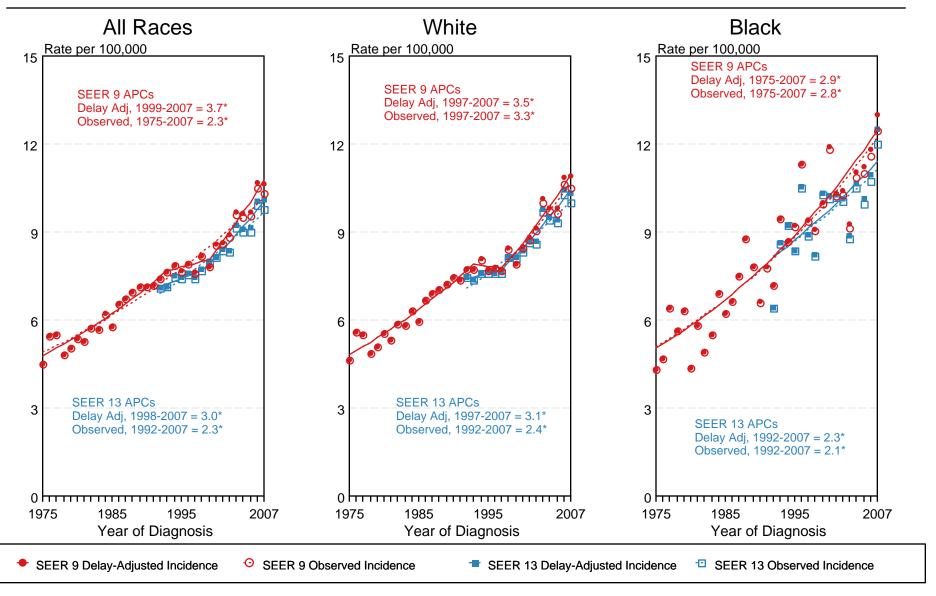
SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Kidney and Renal Pelvis, Male, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Kidney and Renal Pelvis, Female, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 12.1 Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	Adjusted Incid	encea, 19	975-2007									
All Races	1975-1988	0.1	1988-2007	-2.6*							-2.6*	-2.6*
White	1975-1988	0.1	1988-2007	-2.5*							-2.5*	-2.5*
Black	1975-1990	1.1*	1990-2007	-2.7*							-2.7*	-2.7*
SEER 13 Delay-	-Adjusted Inci	dence ^b , i	1992-2007									
All Races	1992-2007	-2.9*									-2.9*	-2.9*
White	1992-2007	-2.7*									-2.7*	-2.7*
Black	1992-2007	-3.2*									-3.2*	-3.2*
SEER 9 Observe		1975-200										
All Races	1975-1988	0.1	1988-2007	-2.6*							-2.6*	-2.6*
White	1975-1988	0.1	1988-2007	-2.6*							-2.6*	-2.6*
Black	1975-1990	1.1*	1990-2007	-2.8*							-2.8*	-2.8*
SEER 13 Observ			007									
All Races	1992-2007	-3.0*									-3.0*	-3.0*
White	1992-2007	-2.8*									-2.8*	-2.8*
White NH ^{ef}	1992-2007	-2.7*									-2.7*	-2.7*
Black	1992-2007	-3.3*									-3.3*	-3.3*
Black NH ^{ef}	1992-2007	-3.3*									-3.3*	-3.3*
API ^e	1992-2007	-3.8*									-3.8*	-3.8*
AI/AN ^{eg}	1992-2007	-2.7									-2.7	-2.7
Hispanic ^f	1992-2007	-2.4*									-2.4*	-2.4*
U.S. Cancer Mo	ortality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 1992	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ exttt{Hispanic}^{ ext{f}}$												
Joinpoi	int Regression	Program	Version 3.4.	3, April	2010, Nation	nal Cancer	Institute. ()	http://sra	ab.cancer.gov	/joinpoint	<u>-</u> /).	

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 12.2 Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint Tr	rend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incide	ence ^a , 1	975-2007									
All Races	1975-1988	-0.3	1988-2007	-2.8*							-2.8*	-2.8*
White	1975-1988	-0.3	1988-2007	-2.8*							-2.8*	-2.8*
Black	1975-1990	0.8	1990-2007	-2.6*							-2.6*	-2.6*
SEER 13 Delay-	Adjusted Incid	dence ^b , i	1992-2007									
All Races	1992-2007	-3.0*									-3.0*	-3.0*
White	1992-2007	-2.9*									-2.9*	-2.9*
Black	1992-2007	-3.2*									-3.2*	-3.2*
SEER 9 Observe	ed Incidencea,	1975-20										
All Races	1975-1988	-0.3	1988-2007	-2.8*							-2.8*	-2.8*
White	1975-1988	-0.3	1988-2007	-2.9*							-2.9*	-2.9*
Black	1975-1990	0.8	1990-2007	-2.7*							-2.7*	-2.7*
SEER 13 Observ			<u>007</u>									
All Races		-3.1*									-3.1*	-3.1*
White		-2.9*									-2.9*	-2.9*
White NH ^{ef}		-2.9*									-2.9*	-2.9*
Black		-3.3*									-3.3*	-3.3*
Black NH ^{ef}		-3.3*									-3.3*	-3.3*
API ^e		-3.5*									-3.5*	-3.5*
AI/AN ^{eg}		-4.2									-4.2	-4.2
Hispanic ^f	1992-2007	-2.4*									-2.4*	-2.4*
U.S. Cancer Mc	ortality ^c , 1975	-2007										
All Races												
White												
Black												
U.S. Cancer Mc	ortality ^c , 1992	<u>-2007</u>										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
Joinpoi	int Regression									/joinpoint	<u>-</u> /).	

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 12.3 Cancer of the Larynx (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1989	1.8*	1989-2007	-2.5*							-2.5*	-2.5*
White	1975-1989	1.6*	1989-2007	-2.2*							-2.2*	-2.2*
Black	1975-1989	3.8*	1989-2007	-2.7*							-2.7*	-2.7*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-3.0*									-3.0*	-3.0*
White	1992-2007	-2.7*									-2.7*	-2.7*
Black	1992-2007	-3.2*									-3.2*	-3.2*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1989	1.8*	 1989-2007	-2.6*							-2.6*	-2.6*
White	1975-1989	1.6*	1989-2007	-2.3*							-2.3*	-2.3*
Black	1975-1989	3.8*	1989-2007	-2.8*							-2.8*	-2.8*
SEER 13 Observ	red Incidence ^k	°, 1992-20	007									
All Races	1992-2007	-3.1*									-3.1*	-3.1*
White	1992-2007	-2.7*									-2.7*	-2.7*
White NH ^{ef}	1992-2007	-2.5*									-2.5*	-2.5*
Black	1992-2007	-3.3*									-3.3*	-3.3*
Black NH ^{ef}	1992-2007	-3.3*									-3.3*	-3.3*
API ^e	1992-2007	-4.3									-4.3*	-4.3*
AI/AN ^{eg}	-	-									-	-
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	-3.4									-3.4	-3.4
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c . 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
	nt Regression											

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint. API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

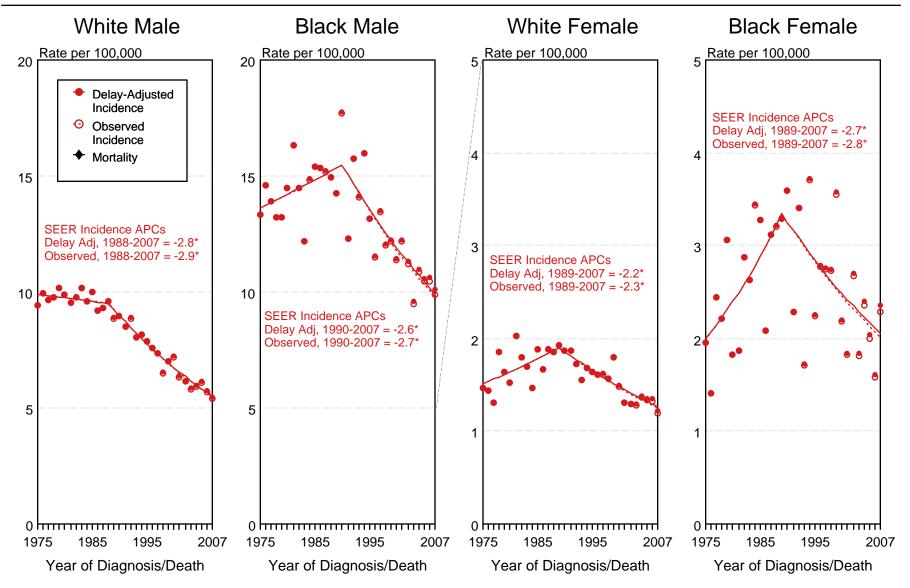
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Larynx, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Larynx, Male, by Race

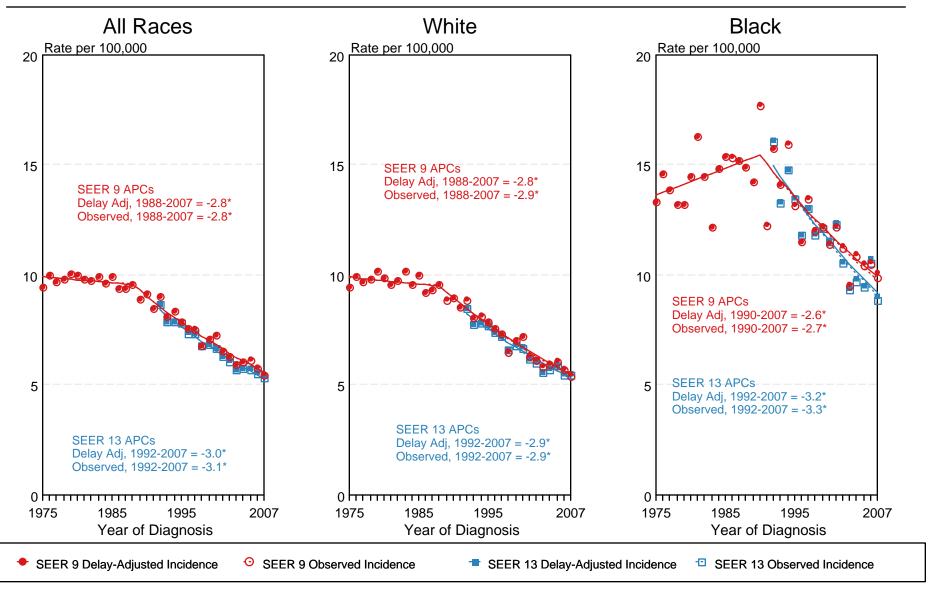


Figure 12.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Larynx, Female, by Race

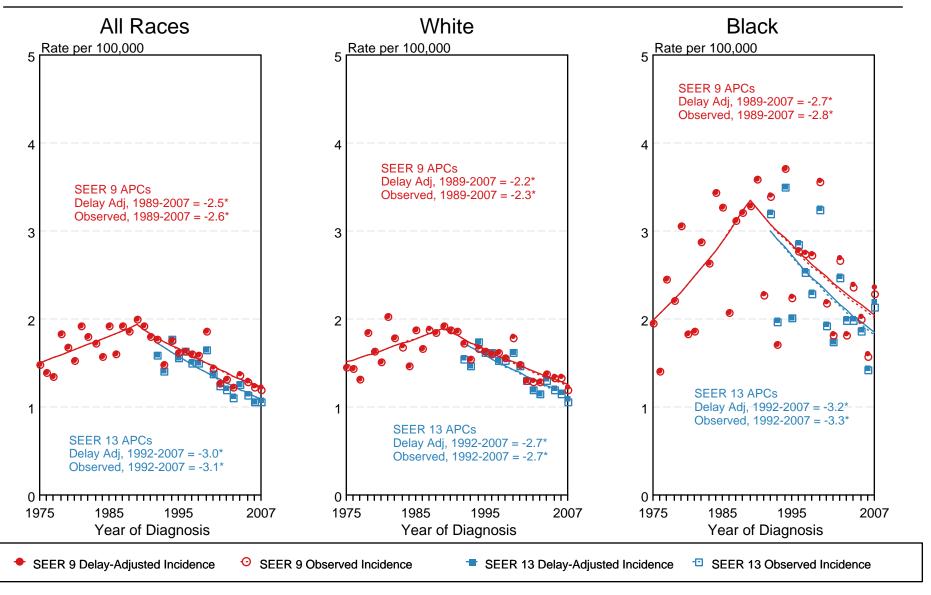


Figure 12.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 13.1 Leukemia

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Tr	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	Adjusted Incide	ence ^a . 1	975-2007									
All Races	1975-2007	0.3*									0.3*	0.3*
White	1975-2007	0.4*									0.4*	0.4*
Black	1975-2007	-0.1									-0.1	-0.1
SEER 13 Delay-	-Adjusted Incid	dence ^b ,	1992-2007									
All Races	1992-2007	0.3*									0.3*	0.3*
White	1992-2007	0.4*									0.4*	0.4*
Black	1992-2007	0.2									0.2	0.2
SEER 9 Observe	ed Incidencea,	1975-20	<u>07</u>									
All Races	1975-2004	0.1	2004-2007	-3.4*							-1.1*	-2.5*
White	1975-2002	0.3*	2002-2007	-1.7*							-0.8*	-1.7*
Black	1975-2007	-0.4*									-0.4*	-0.4*
SEER 13 Observ	red Incidenceb,	1992-2	007									
All Races	1992-2004	-0.1	2004-2007	-2.6							-0.9*	-2.0
White	1992-2007	-0.3									-0.3*	-0.3*
White NH ^{ef}	1992-2007	-0.2									-0.2	-0.2
Black	1992-2007	-0.6									-0.6	-0.6
Black NH ^{ef}	1992-2007	-0.6									-0.6	-0.6
API ^e	1992-2007	-0.9*									-0.9*	-0.9*
AI/AN ^{eg}	1992-2007	1.5									1.5	1.5
Hispanic ^f	1992-2007	-0.3									-0.3	-0.3
U.S. Cancer Mo	ortality ^c , 1975	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 1992	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
-												
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 13.2 Leukemia

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	denceª. 1	975-2007									
All Races	1975-2007	0.2*									0.2*	0.2*
White	1975-2007	0.2*									0.2*	0.2*
Black	1975-2007	-0.1									-0.1	-0.1
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	0.1									0.1	0.1
White	1992-2007	0.1									0.1	0.1
Black	1992-2007	0.1									0.1	0.1
SEER 9 Observe												
All Races	1975-2004	0.0	2004-2007								-1.3*	-3.0*
White	1975-2003	0.1	2003-2007	-2.7*							-1.2*	-2.7*
Black	1975-2007	-0.4									-0.4*	-0.4*
SEER 13 Observ			007									
All Races	1992-2007	-0.6*									-0.6*	-0.6*
White	1992-2007	-0.6*									-0.6*	-0.6*
White NH ^{ef}	1992-2007	-0.5*									-0.5*	-0.5*
Black	1992-2007	-0.6									-0.6	-0.6
Black NH ^{ef}	1992-2007	-0.6									-0.6	-0.6
API ^e	1992-2007	-0.8									-0.8	-0.8
AI/AN ^{eg}	1992-2007	2.0									2.0	2.0
Hispanic ^f	1992-2007	-0.4									-0.4	-0.4
U.S. Cancer Mo	ortality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2007										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
-												
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 13.3 Leukemia

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	enceª, 19	975-2007									
All Races	1975-2007	0.4*									0.4*	0.4*
White	1975-2007	0.5*									0.5*	0.5*
Black	1975-2007	-0.1									-0.1	-0.1
SEER 13 Delay-	Adjusted Inci		1992-2007									
All Races	1992-2007	0.5*									0.5*	0.5*
White	1992-2007	0.6*									0.6*	0.6*
Black	1992-2007	0.3									0.3	0.3
SEER 9 Observe			<u>07</u>									
All Races	1975-2007	0.0									0.0	0.0
White	1975-2007	0.2*									0.2*	0.2*
Black	1975-2007	-0.4									-0.4	-0.4
SEER 13 Observ			007									
All Races	1992-2007	-0.3									-0.3	-0.3
White	1992-2007	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2007	0.0									0.0	0.0
Black	1992-2007	-0.4									-0.4	-0.4
Black NH ^{ef}	1992-2007	-0.5									-0.5	-0.5
API ^e	1992-2007	-0.8*									-0.8*	-0.8*
AI/AN ^{eg}	1992-2007	1.3									1.3	1.3
Hispanic ^f	1992-2007	-0.2									-0.2	-0.2
U.S. Cancer Mo	rtality ^c , 1975	<u>5-2007</u>										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 1992	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Leukemia, by Race and Sex

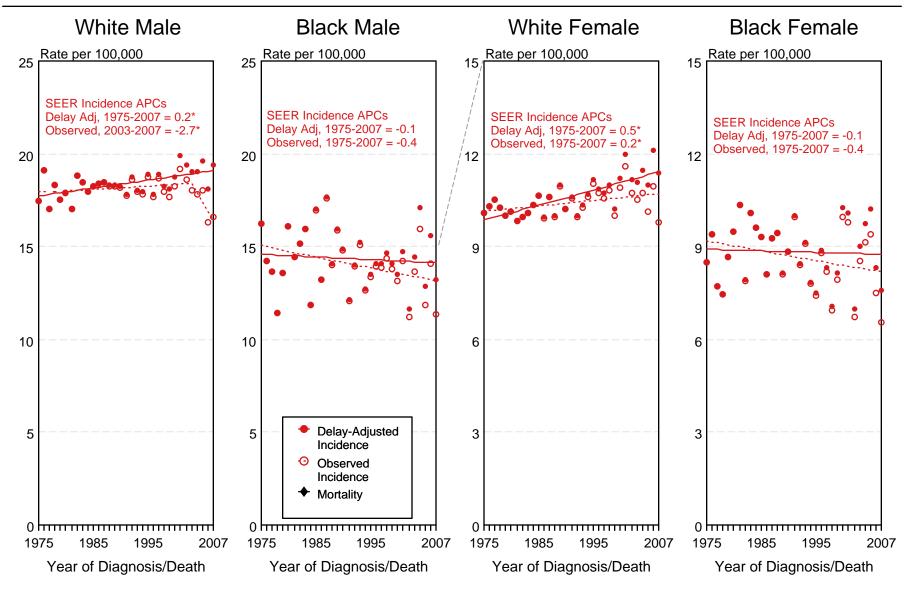


Figure 13.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Leukemia, Male, by Race

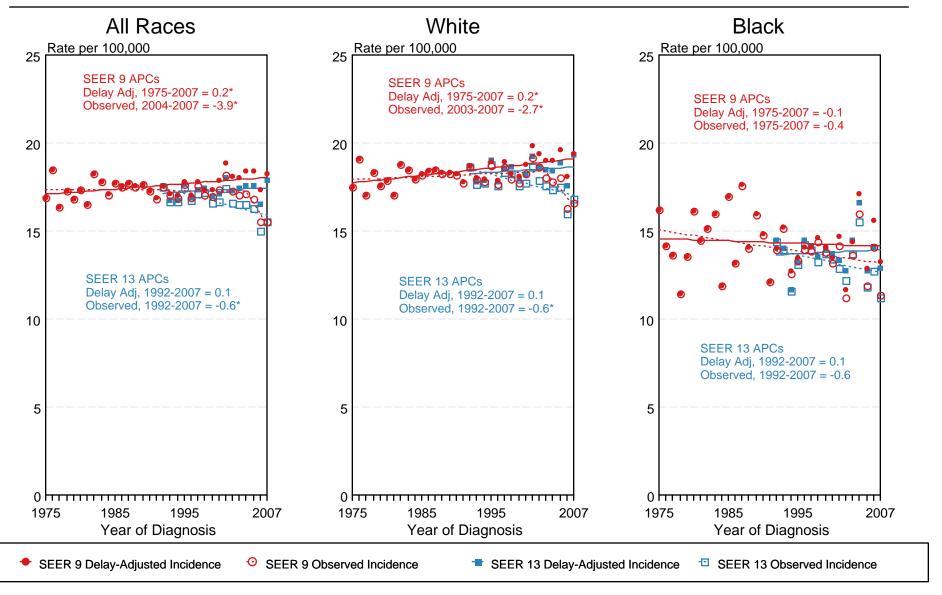


Figure 13.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Leukemia, Female, by Race

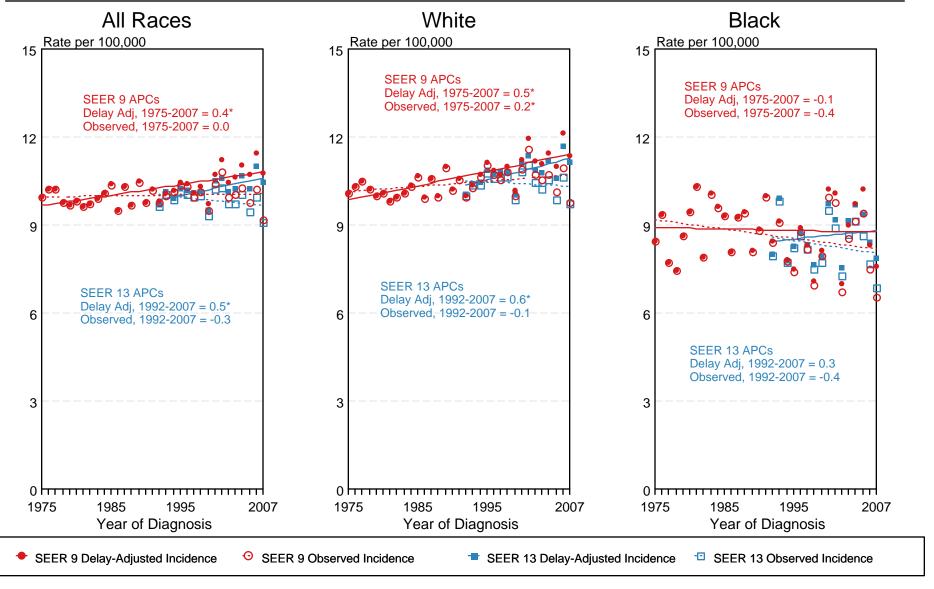


Figure 13.5

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 14.1 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	Trend 2	Joinpoint '	Trend 3	Joinpoint T	rend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	encea, 1	975-2007									
All Races	1975-1984	1.4*	1984-1999	4.6*	1999-2002	-0.2	2002-2007	5.1*			3.2*	5.1*
White	1975-1987	1.6*	1987-1998	5.4*	1998-2001	-1.0	2001-2007	4.5*			2.6	4.5*
Black	1975-2007	3.2*									3.2*	3.2*
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2007									
All Races	1992-1999	5.1*	1999-2002	0.3	2002-2007	4.4*					3.1*	4.4*
White	1992-1999	5.7*	1999-2002	-0.8	2002-2007	5.1*					3.1*	5.1*
Black	1992-2007	3.9*									3.9*	3.9*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1984	1.3	1984-1997	4.6*	1997-2007	2.7*					2.7*	2.7*
White	1975-1986	1.4*	1986-1997	5.0*	1997-2007	2.5*					2.5*	2.5*
Black	1975-2007	3.1*									3.1*	3.1*
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-1996	6.4*	1996-2007	2.6*							2.6*	2.6*
White	1992-1999	5.6*	1999-2002	-0.7	2002-2007	4.2*					2.7	4.2*
White NH ^{ef}	1992-1999	5.4*	1999-2002	-1.9	2002-2007	4.4*					2.3	4.4*
Black	1992-2007	3.7*									3.7*	3.7*
Black NH ^{ef}	1992-2007	3.7*									3.7*	3.7*
API ^e	1992-2007	0.8*									0.8*	0.8*
AI/AN ^{eg}	1992-2007	0.9									0.9	0.9
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	2.7*									2.7*	2.7*
II C Cangor Mo	rtalitus 107	E 2007										

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APIe

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- 9 Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 14.2 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint I		Joinpoint I		Joinpoint I		Joinpoint		<u>Joinpoint</u>		AA	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	lenceª, 1	975-2007									
All Races	1975-2007	3.6*									3.6*	3.6*
White	1975-1987	1.5	1987-1991	7.8	1991-2007	3.4*					3.4*	3.4*
Black	1975-2007	3.4*									3.4*	3.4*
SEER 13 Delay-	Adjusted Inci		1992-2007									
All Races	1992-2007	3.4*									3.4*	3.4*
White	1992-2007	3.5*									3.5*	3.5*
Black	1992-2007	4.3*									4.3*	4.3*
SEER 9 Observe			<u>07</u>									
All Races	1975-2007	3.5*									3.5*	3.5*
White	1975-1987	1.5	1987-1991	8.0	1991-2007	3.2*					3.2*	3.2*
Black	1975-2007	3.3*									3.3*	3.3*
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-2007	3.2*									3.2*	3.2*
White	1992-2007	3.3*									3.3*	3.3*
White NH ^{ef}	1992-2007	3.0*									3.0*	3.0*
Black	1992-2007	4.0*									4.0*	4.0*
Black NH ^{ef}	1992-2007	4.1*									4.1*	4.1*
API ^e	1992-2007	0.9*									0.9*	0.9*
AI/AN ^{eg}	1992-2007	0.8									0.8	0.8
Hispanic ^f	1992-2007	2.4*									2.4*	2.4*
U.S. Cancer Mo	rtality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
					0010 77 1					,		

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Table 14.3 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 5	Frend 2	Joinpoint I	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	encea, 19	975-2007									
All Races	1975-1983	0.5	1983-1997	4.3*	1997-2007	2.0*					2.0*	2.0*
White	1975-1985	0.7	1985-1997	4.2*	1997-2007	1.3*					1.3*	1.3*
Black	1975-2007	2.7*									2.7*	2.7*
SEER 13 Delay-	Adiusted Inci	dence ^b , i	1992-2007									
All Races	1992-2007	3.0*									3.0*	3.0*
White	1992-1999	6.2*	1999-2003	-1.8	2003-2007	4.5*					1.8	4.5*
Black	1992-2007	2.9*									2.9*	2.9*
SEER 9 Observe	d Incidencea,	1975-200	07									
All Races	1975-1983	0.4	 1983-1997	4.3*	1997-2007	1.7*					1.7*	1.7*
White	1975-1985	0.8	1985-1998	4.0*	1998-2007	0.7					0.7	0.7
Black	1975-2007	2.6*									2.6*	2.6*
SEER 13 Observ	ed Incidenceb	, 1992-20	007									
All Races	1992-1997	6.3*	 1997-2007	1.5*							1.5*	1.5*
White	1992-1997	7.4*	1997-2007	1.0*							1.0*	1.0*
White NH ^{ef}	1992-1999	5.8*	1999-2002	-4.0	2002-2007	2.4					0.6	2.4
Black	1992-2007	2.6*									2.6*	2.6*
Black NH ^{ef}	1992-2007	2.6*									2.6*	2.6*
API ^e	1992-2007	0.7									0.7	0.7
AI/AN ^{eg}	1992-2007	0.8									0.8	0.8
Hispanic ^f	1992-2007	2.4*									2.4*	2.4*
U.S. Cancer Mo	rtality ^c , 197	5-2007										

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

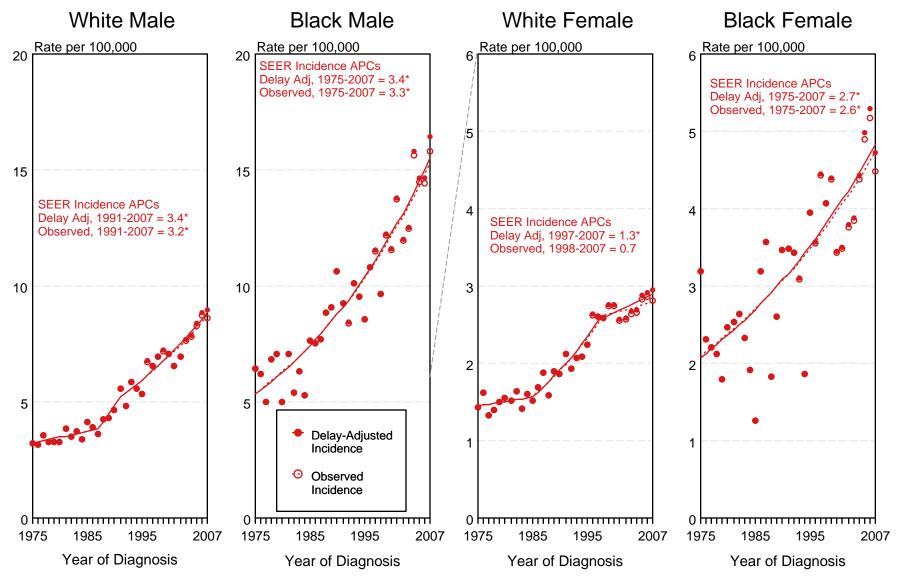
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

SEER Observed Incidence and Delay Adjusted Incidence Rates ^a Cancer of the Liver and Intrahepatic Bile Duct, by Race and Sex



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Liver and Intrahepatic Bile Duct, Male, by Race

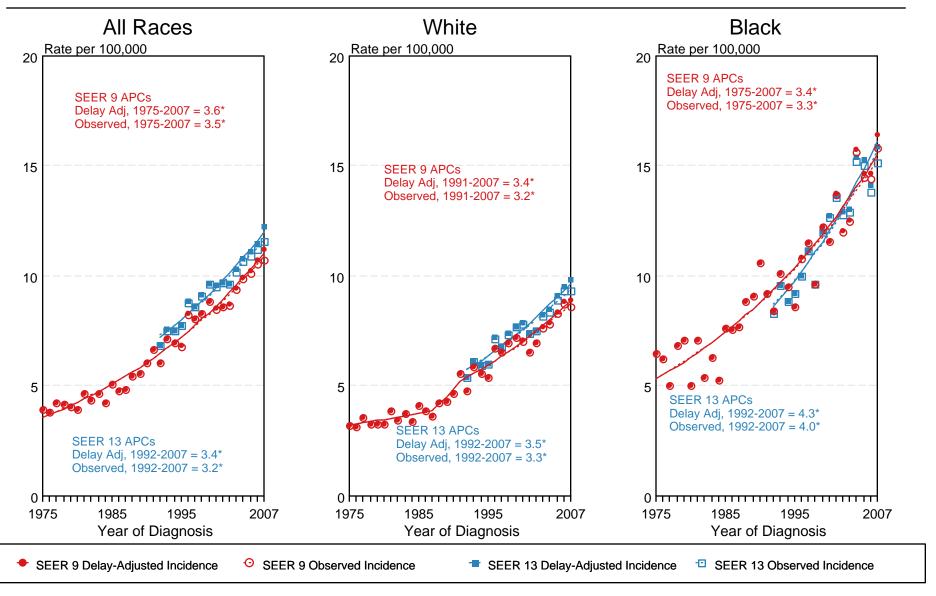


Figure 14.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Liver and Intrahepatic Bile Duct, Female, by Race

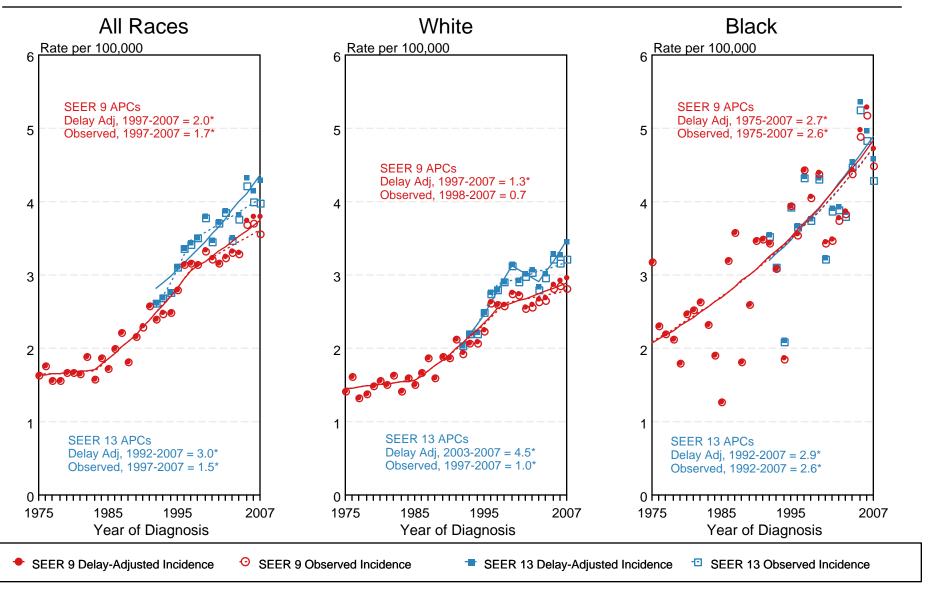


Figure 14.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 15.1 Cancer of the Lung and Bronchus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint :	Frend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAl	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	dencea, 1	975-2007									
All Races	1975-1982	2.5*	1982-1991	1.0*	1991-2007	-0.8*					-0.8*	-0.8*
White	1975-1982	2.5*	1982-1991	1.1*	1991-2007	-0.6*					-0.6*	-0.6*
Black	1975-1985	3.3*	1985-2007	-1.0*							-1.0*	-1.0*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-1.1*									-1.1*	-1.1*
White	1992-2007	-1.0*									-1.0*	-1.0*
Black	1992-2007	-1.4*									-1.4*	-1.4*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1982	2.5*	1982-1991	1.0*	1991-2007	-0.8*					-0.8*	-0.8*
White	1975-1987	2.0*	1987-1998	-0.1	1998-2007	-1.1*					-1.1*	-1.1*
Black	1975-1984	3.3*	1984-1998	-0.5	1998-2007	-2.0*					-2.0*	-2.0*
SEER 13 Observ	red Incidence	, 1992-2	007									
All Races	1992-2007	-1.2*									-1.2*	-1.2*
White	1992-1998	-0.5*	1998-2007	-1.4*							-1.4*	-1.4*
White NH ^{ef}	1992-1998	-0.4	1998-2007	-1.2*							-1.2*	-1.2*
Black	1992-2007	-1.5*									-1.5*	-1.5*
Black NH ^{ef}	1992-2007	-1.5*									-1.5*	-1.5*
API ^e	1992-1994	-4.3	1994-2005	-0.2	2005-2007	-4.5					-1.2	-2.4
AI/AN ^{eg}	1992-2007	-0.5									-0.5	-0.5
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	-1.7*									-1.7*	-1.7*
U.S. Cancer Mo All Races White Black	ortality ^c , 197	<u>75-2007</u>										
U.S. Cancer Mo All Races White	ortality ^c , 199	92-2007										

All Races
White
White NH^{ef}
Black
Black NH^{ef}

API^e AI/AN^{eg}

 ${\tt Hispanic^f}$

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska
Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 15.2 Cancer of the Lung and Bronchus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '		Joinpoint S		Joinpoint '		Joinpoint '		Joinpoint		AA	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2007									
All Races	1975-1982	1.4*	1982-1991	-0.4	1991-2007	-1.8*					-1.8*	-1.8*
White	1975-1981	1.5*	1981-1990	-0.2	1990-2007	-1.8*					-1.8*	-1.8*
Black	1975-1984	2.9*	1984-1998	-1.4*	1998-2007	-3.2*					-3.2*	-3.2*
SEER 13 Delay-	Adjusted Inc		1992-2007									
All Races	1992-2007	-2.0*									-2.0*	-2.0*
White	1992-2007										-2.0*	-2.0*
Black	1992-2007	-2.7*									-2.7*	-2.7*
SEER 9 Observe			<u>07</u>									
All Races	1975-1982	1.5*	1982-1992	-0.5*	1992-2007						-2.0*	-2.0*
White	1975-1981	1.4*	1981-1989	-0.1	1989-2003		2003-2007	-2.9*			-2.2*	-2.9*
Black	1975-1984	2.9*	1984-1998	-1.4*	1998-2007	-3.4*					-3.4*	-3.4*
SEER 13 Observ	red Incidence	o, 1992-20	007									
All Races	1992-2007	-2.1*									-2.1*	-2.1*
White	1992-2007	-2.1*									-2.1*	-2.1*
White NH ^{ef}	1992-2007										-1.9*	-1.9*
Black	1992-2007										-2.8*	-2.8*
Black NH ^{ef}	1992-2007										-2.8*	-2.8*
API ^e	1992-2007	-1.2*									-1.2*	-1.2*
AI/AN ^{eg}	1992-2007	-2.1*									-2.1*	-2.1*
Hispanic ^f	1992-2007	-2.3*									-2.3*	-2.3*
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ exttt{Hispanic}^{ ext{f}}$												
										,		

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska
Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Table 15.3 Cancer of the Lung and Bronchus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint '	Frend 2	Joinpoint T	rend 3	Joinpoint 1	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	lenceª, 1	975-2007									
All Races	1975-1982	5.5*	1982-1991	3.5*	1991-2007	0.4*					0.4*	0.4*
White	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.5*	1997-2007	0.2			0.2	0.2
Black	1975-1990	4.3*	1990-2007	0.4							0.4	0.4
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2007									
All Races	1992-1997	0.7	1997-2007	-0.3*							-0.3*	-0.3*
White	1992-1997	0.9	1997-2007	-0.3*							-0.3*	-0.3*
Black	1992-2007	0.5									0.5*	0.5*
SEER 9 Observe	d Incidencea,	1975-20	07									
All Races	1975-1982	5.5*	1982-1990	3.5*	1990-1998	1.0*	1998-2007	-0.1			-0.1	-0.1
White	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2007	0.0			0.0	0.0
Black	1975-1990	4.3*	1990-2007	0.3							0.3	0.3
SEER 13 Observ	ed Incidenceb	, 1992-2	007									
All Races	1992-1998	0.6	1998-2007	-0.6*							-0.6*	-0.6*
White	1992-1997	1.0*	1997-2007	-0.5*							-0.5*	-0.5*
White NH ^{ef}	1992-1997	1.2*	1997-2007	-0.3							-0.3	-0.3
Black	1992-2007	0.3									0.3	0.3
Black NH ^{ef}	1992-2007	0.4									0.4	0.4
API ^e	1992-2007	0.2									0.2	0.2
AI/AN ^{eg}	1992-2007	1.7									1.7	1.7
Hispanic ^f	1992-2007	-1.0*									-1.0*	-1.0*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

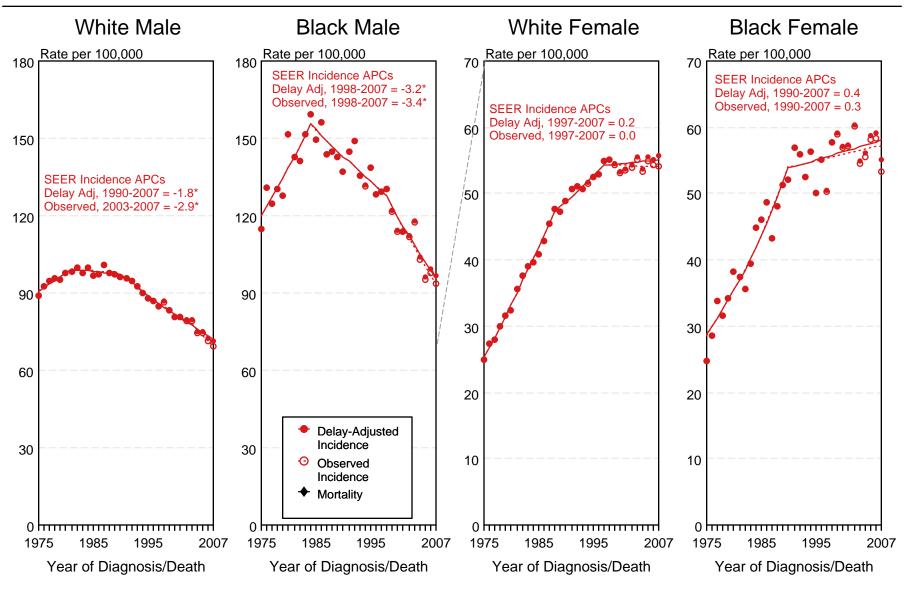
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Lung and Bronchus, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

igure 15,

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Lung and Bronchus, Ages 65 and Over, by Race and Sex

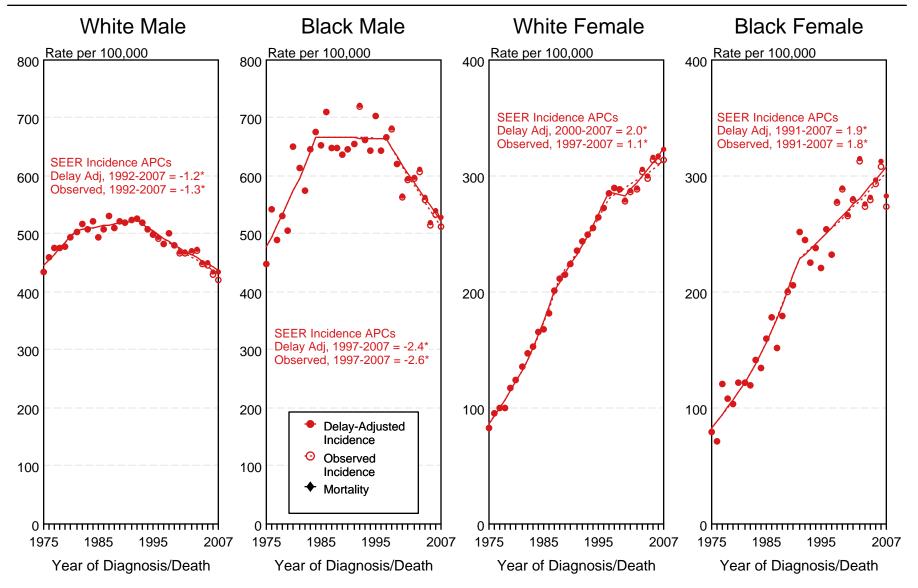
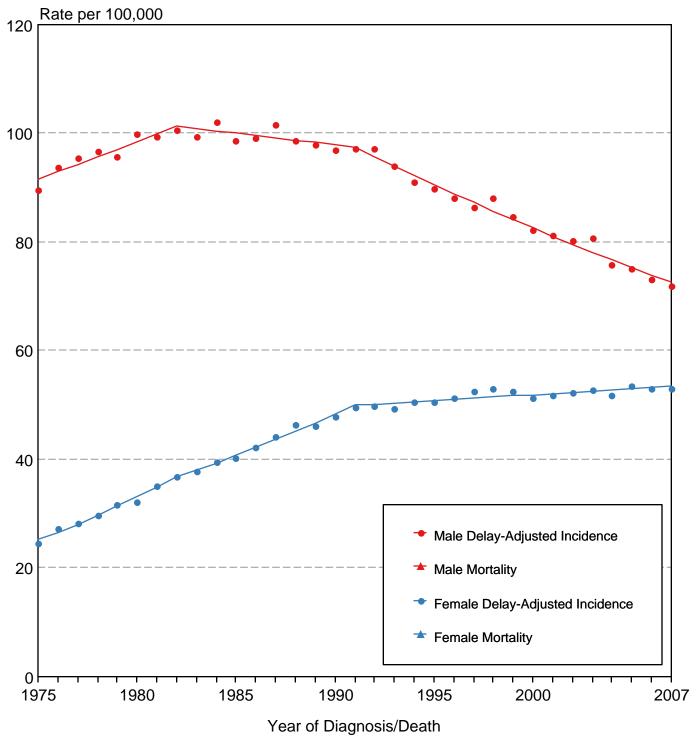


Figure 15.3

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Cancer of the Lung & Bronchus SEER Delay-Adjusted Incidence & US Death Rates, 1975-2007, All Races, By Sex

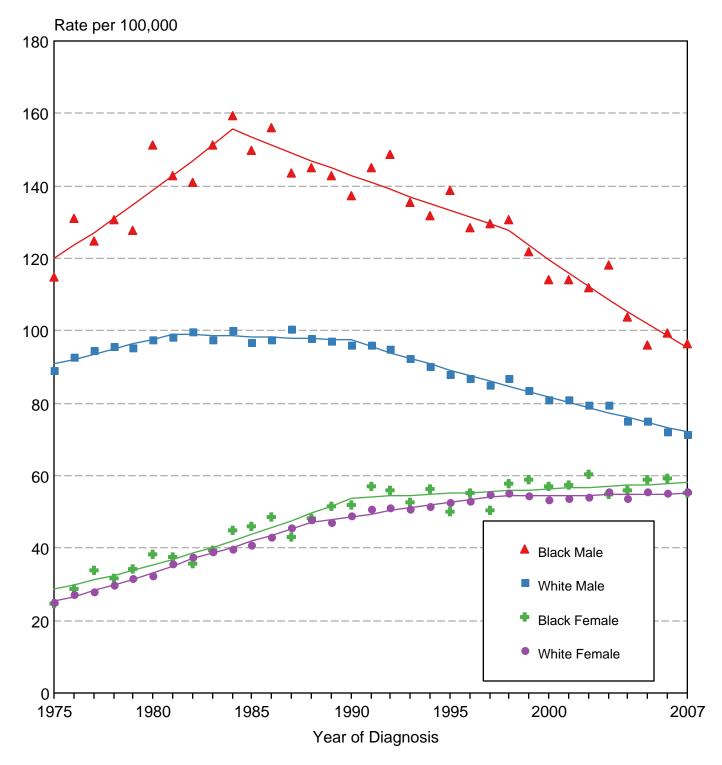


Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

Cancer of the Lung & Bronchus SEER Delay-Adjusted Incidence, 1975-2007 By Sex and Race



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Lung and Bronchus, Male, by Race

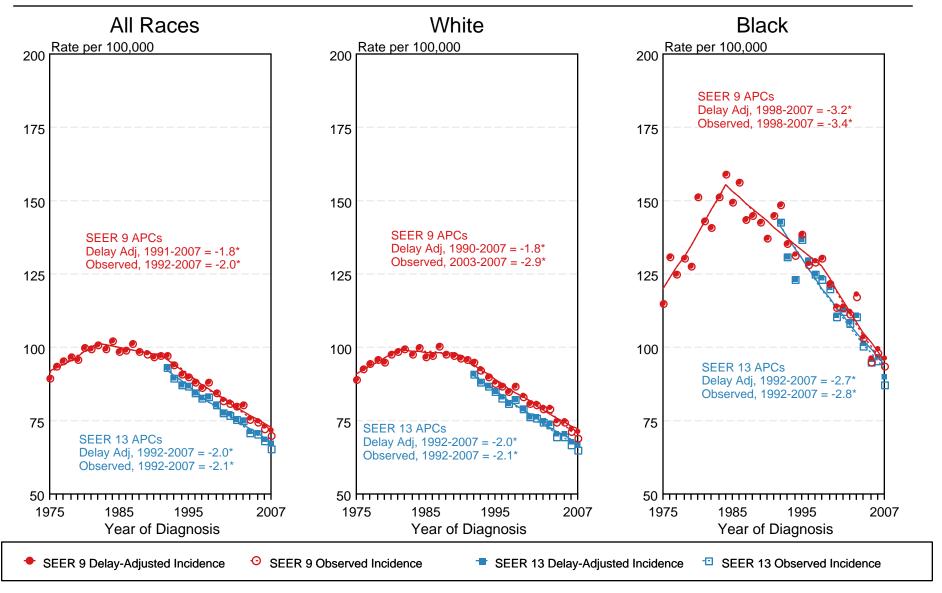


Figure 15.7

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Lung and Bronchus, Female, by Race

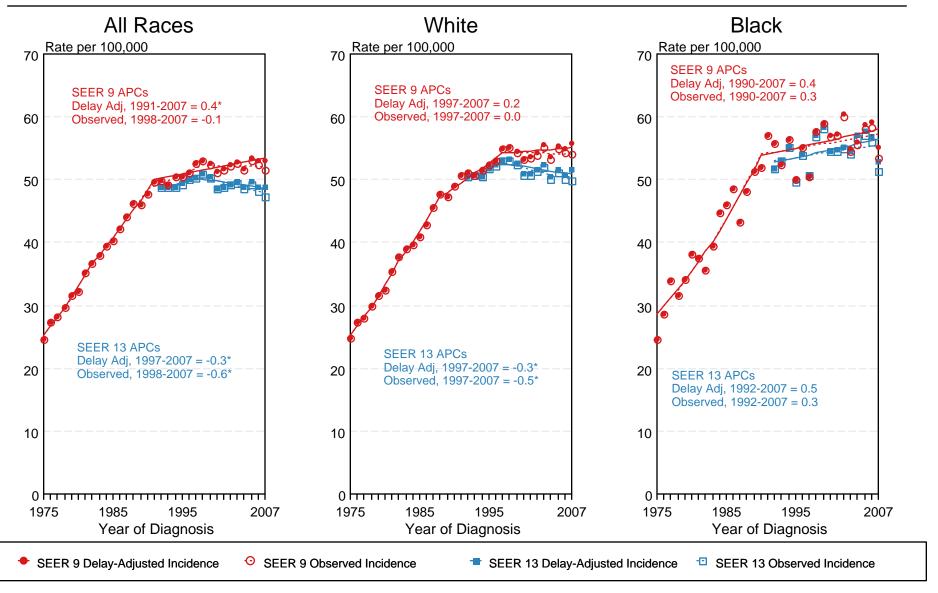


Figure 15.8

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 16.1 Melanoma of the Skin (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 7	Trend 1	Joinpoint '	Trend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1985	4.6*	1985-2007	2.7*							2.7*	2.7*
White	1975-1981	6.5*	1981-2007	3.2*							3.2*	3.2*
Black	-	-									-	-
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2007									
All Races	1992-1996	4.6*	1996-2007	1.8*							1.8*	1.8*
White	1992-2007	2.8*									2.8*	2.8*
Black	-	-									-	-
SEER 9 Observe	d Incidencea,	1975-20	<u>07</u>									
All Races	1975-1985	4.6*	1985-2007	2.6*							2.6*	2.6*
White	1975-1981	6.3*	1981-2005	3.2*	2005-2007	-1.3					2.1*	0.9
Black	1975-2007	-0.3									-0.3	-0.3
SEER 13 Observ	ed Incidence	, 1992-20	007									
All Races	1992-1996	4.7*	 1996-2007	1.6*							1.6*	1.6*
White	1992-2007	2.6*									2.6*	2.6*
White NH ^{ef}	1992-2007	3.1*									3.1*	3.1*
Black	1992-1995	29.1	1995-2007	-3.5*							-3.5*	-3.5*
Black NH ^{ef}	1992-1994	53.8	1994-2007	-2.8*							-2.8*	-2.8*
API ^e	1992-2007	1.4									1.4	1.4
AI/AN ^{eg}	1992-2007	1.5									1.5	1.5
Hispanic ^f	1992-1999	4.3*	1999-2007	-1.7*							-1.0	-1.7*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

 The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 16.2 Melanoma of the Skin (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '		Joinpoint 7		Joinpoint '		<u>Joinpoint</u>		<u>Joinpoint</u>		AAl	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	denceª, 1										
All Races	1975-1986	5.6*	1986-2007	2.9*							2.9*	2.9*
White	1975-1986	5.9*	1986-2007	3.2*							3.2*	3.2*
Black	_	-									-	_
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	2.4*									2.4*	2.4*
White	1992-2007	2.8*									2.8*	2.8*
Black		-									-	-
SEER 9 Observe	d Incidencea,	1975-20	07									
All Races	1975-1996	4.2*	1996-2007	2.0*							2.0*	2.0*
White	1975-1986	5.7*	1986-2005	3.3*	2005-2007	-1.5					2.2*	0.8
Black	1975-2007	0.2									0.2	0.2
SEER 13 Observ	red Incidence	°, 1992-2	007									
All Races	1992-1996	5.0*	1996-2007	1.7*							1.7*	1.7*
White	1992-2007	2.6*									2.6*	2.6*
White NH ^{ef}	1992-2007	3.1*									3.1*	3.1*
Black	1992-1995	69.0*	1995-2007	-6.2*							-6.2*	-6.2*
Black NH ^{ef}	1992-1995	69.4*	1995-2007	-6.0*							-6.0*	-6.0*
API ^e	1992-2007	1.6									1.6	1.6
AI/AN ^{eg}	1992-2007	1.4									1.4	1.4
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	1.1									1.1	1.1
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 16.3 Melanoma of the Skin (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '		Joinpoint T		Joinpoint T		Joinpoint T		Joinpoint		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A												
All Races	1975-1980	5.5*	1980-2007	2.4*							2.4*	2.4*
White	1975-1981	6.1*	1981-1992	2.2*	1992-2007	3.2*					3.2*	3.2*
Black	-	_									-	-
SEER 13 Delay-	Adjusted Inc:	idence ^b ,	1992-2007									
All Races	1992-2007	2.2*									2.2*	2.2*
White	1992-2007	2.8*									2.8*	2.8*
Black	-	-									-	-
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1981	5.0*	1981-2007	2.3*							2.3*	2.3*
White	1975-1981	6.3*	1981-1994	2.0*	1994-1997	5.7	1997-2007	2.3*			2.3*	2.3*
Black	1975-2007	-0.7									-0.7	-0.7
SEER 13 Observ	red Incidence	o, 1992-2	007									
All Races	1992-1997	3.9*	1997-2007	1.5*							1.5*	1.5*
White	1992-1997	4.7*	1997-2007	2.0*							2.0*	2.0*
White NH ^{ef}	1992-2007	3.2*									3.2*	3.2*
Black	1992-2007	-0.3									-0.3	-0.3
Black NH ^{ef}	1992-2007	-0.4									-0.4	-0.4
API ^e	1992-2007	1.4									1.4	1.4
AI/AN ^{eg}	1992-2007	1.9									1.9	1.9
Hispanic ^f	1992-2007	0.6									0.6	0.6
U.S. Cancer Mo	rtality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c . 199	2-2007										
All Races	, ,											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

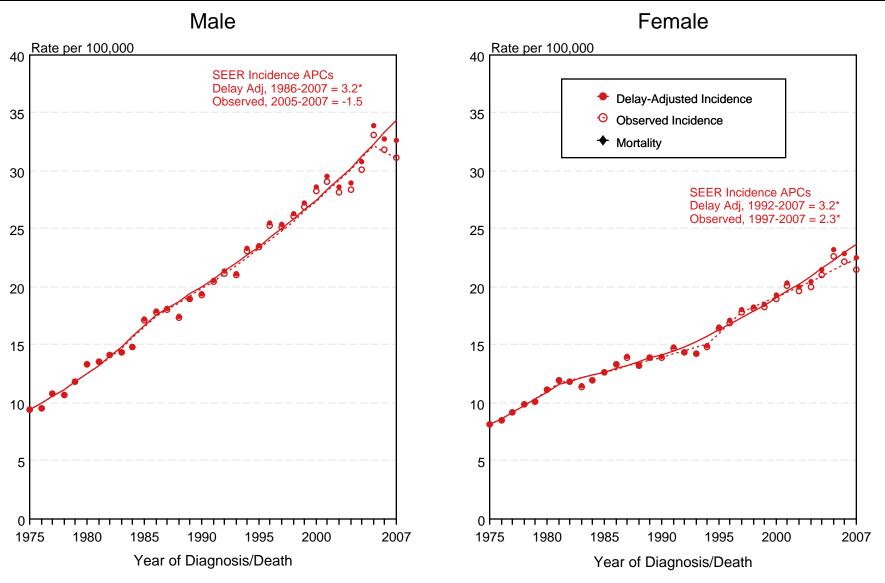
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Melanoma of the Skin, White, by Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Melanoma of the Skin, Male, by Race

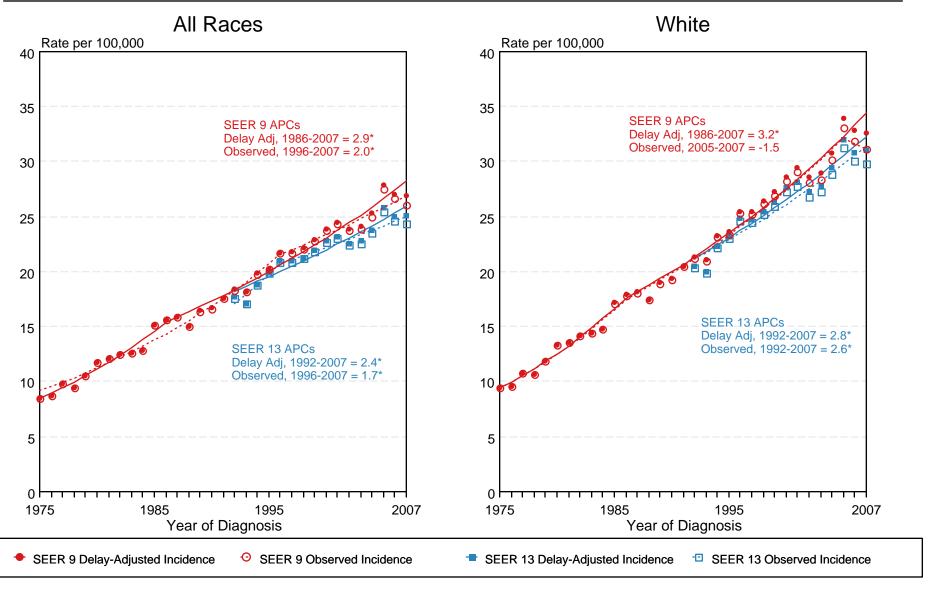


Figure 16.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Melanoma of the Skin, Female, by Race

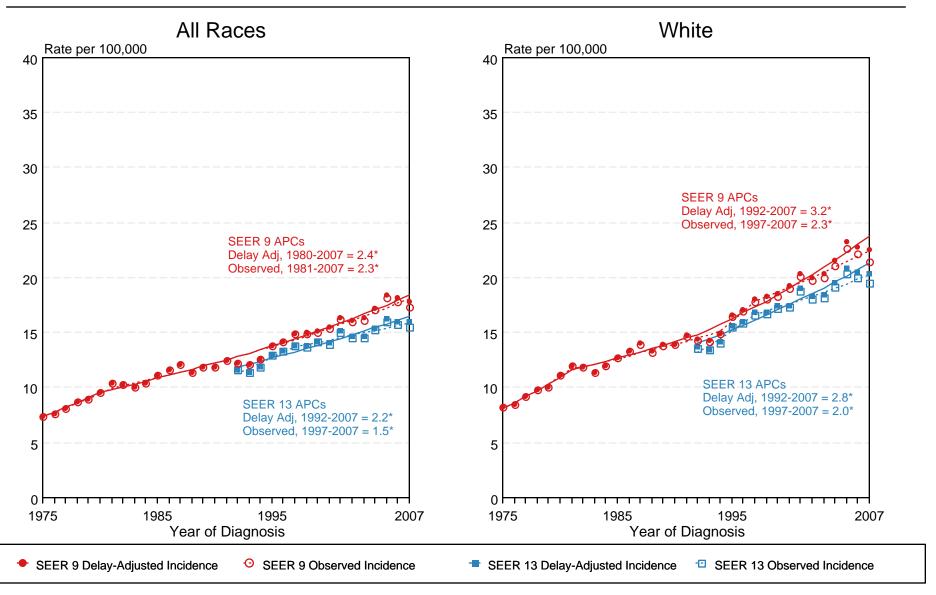


Figure 16.5

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

API^e
AI/AN^{eg}
Hispanic^f

Table 18.1 Myeloma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 7	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAl	⊇C ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	denceª. 1	1975-2007									_
All Races	1975-1991	1.2*	1991-2007	0.2							0.2	0.2
White	1975-2007	0.7*									0.7*	0.7*
Black	1975-2007	0.6*									0.6*	0.6*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	0.1									0.1	0.1
White	1992-2007	0.2									0.2	0.2
Black	1992-2007	0.0									0.0	0.0
SEER 9 Observe	ed Incidencea,	1975-20	007									
All Races	1975-1997	1.0*	1997-2007	-0.7							-0.7*	-0.7*
White	1975-1997	1.0*	1997-2007	-0.6							-0.6	-0.6
Black	1975-1994	1.3*	1994-2007	-0.9							-0.9	-0.9
SEER 13 Observ	red Incidence	o, 1992-2	2007									
All Races	1992-2005	0.1	2005-2007	-4.9							-1.1	-2.5
White	1992-2007	-0.2									-0.2	-0.2
White NH ^{ef}	1992-2007	-0.2									-0.2	-0.2
Black	1992-2007	-0.4									-0.4	-0.4
Black NH ^{ef}	1992-2007	-0.4									-0.4	-0.4
API ^e	1992-2007	-0.7									-0.7	-0.7
AI/AN ^{eg}	1992-2007	0.7									0.7	0.7
Hispanicf	1992-2005	0.2	2005-2007	-9.8							-2.1	-4.9
U.S. Cancer Mo All Races White Black	ortality ^c , 197	<u>75-2007</u>										
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef}	ortality ^c , 199	92-2007										

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Table 18.2 Myeloma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	Adiusted Incid	dence ^a . 1	975-2007									
All Races	1975-2007	0.7*									0.7*	0.7*
White	1975-2007	0.8*									0.8*	0.8*
Black	1975-2007	0.4*									0.4*	0.4*
SEER 13 Delay-	-Adjusted Inc:	idence ^b ,	1992-2007									
All Races	1992-2007	0.2									0.2	0.2
White	1992-2007	0.3									0.3	0.3
Black	1992-2007	0.4									0.4	0.4
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1992	1.2*	1992-2007	-0.1							-0.1	-0.1
White	1975-2000	1.0*	2000-2007	-0.9							-0.5	-0.9
Black	1975-2007	0.2									0.2	0.2
SEER 13 Observ	ved Incidence	°, 1992-2	007									
All Races	1992-2007	-0.2									-0.2	-0.2
White	1992-2007	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2007	0.0									0.0	0.0
Black	1992-2007	-0.1									-0.1	-0.1
Black NH ^{ef}	1992-2007	-0.1									-0.1	-0.1
API ^e	1992-2007	-1.3*									-1.3*	-1.3*
AI/AN ^{eg}	1992-2007	-1.6									-1.6	-1.6
Hispanic ^f	1992-2007	-0.6									-0.6	-0.6
U.S. Cancer Mo	ortality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
Toinno	int Dogwoodier	- D	770	2 7 2 2 1	2010 Notio		Tratitute /	h / /	- la		± /\	

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Table 18.3 Myeloma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint 5	Frend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAl	PC^{d}
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	dence ^a . 1	975-2007									
All Races	1975-2007	0.5*	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								0.5*	0.5*
White	1975-2007	0.4*									0.4*	0.4*
Black	1975-2007	0.8*									0.8*	0.8*
SEER 13 Delay-	Adjusted Inc.	idence ^b ,	1992-2007									
All Races	1992-2007	-0.1									-0.1	-0.1
White	1992-2007	-0.2									-0.2	-0.2
Black	1992-2007	-0.3									-0.3	-0.3
SEER 9 Observe	ed Incidencea,	1975-20	007									
All Races	1975-1997	0.9*	1997-2007	-1.1*							-1.1*	-1.1*
White	1975-1997	0.8*	1997-2007	-1.2*							-1.2*	-1.2*
Black	1975-1996	1.6*	1996-2007	-1.4							-1.4	-1.4
SEER 13 Observ	red Incidence	°, 1992-2	2007									
All Races	1992-2005	0.0	2005-2007	-7.6							-1.8	-3.9
White	1992-2005	-0.1	2005-2007	-7.6							-1.8	-3.9
White NH ^{ef}	1992-2007	-0.7*									-0.7*	-0.7*
Black	1992-2007	-0.8									-0.8	-0.8
Black NH ^{ef}	1992-2007	-0.8									-0.8	-0.8
API ^e	1992-2007	0.1									0.1	0.1
AI/AN ^{eg}	1992-2007	2.8									2.8	2.8
Hispanic ^f	1992-2007	-0.4									-0.4	-0.4
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ t Hispanic^{ ext{f}}$												
					0010					,		

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

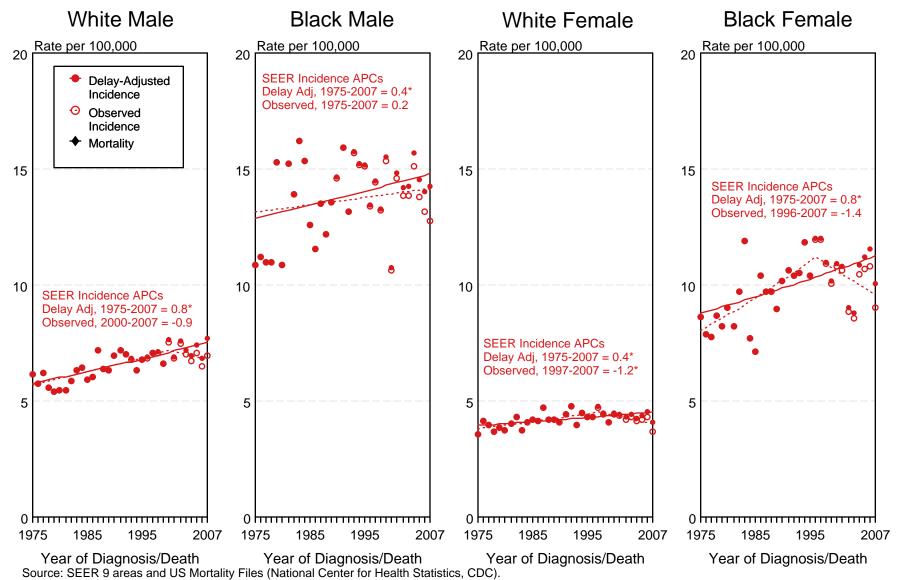
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Myeloma, by Race and Sex



Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Myeloma, Male, by Race

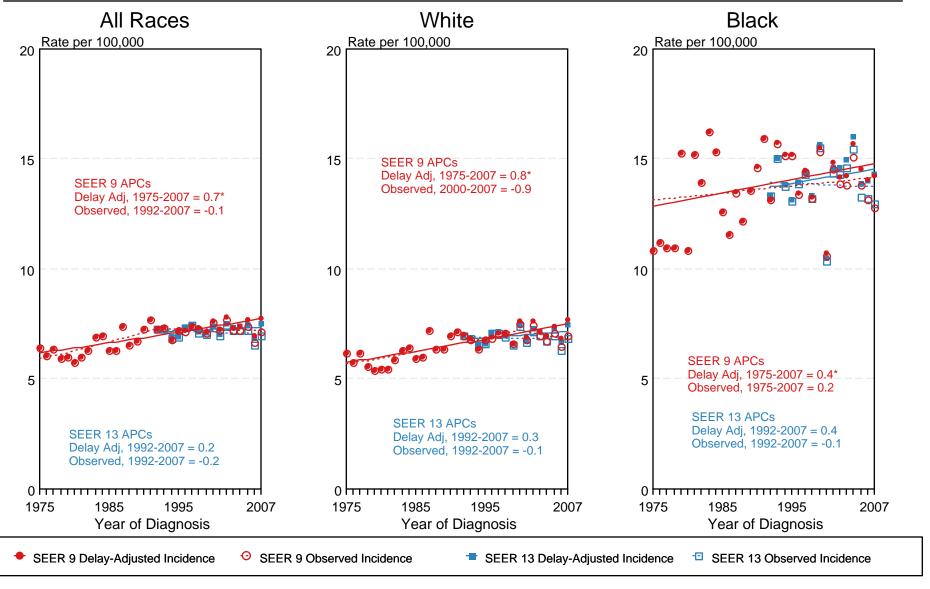


Figure 18.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Myeloma, Female, by Race

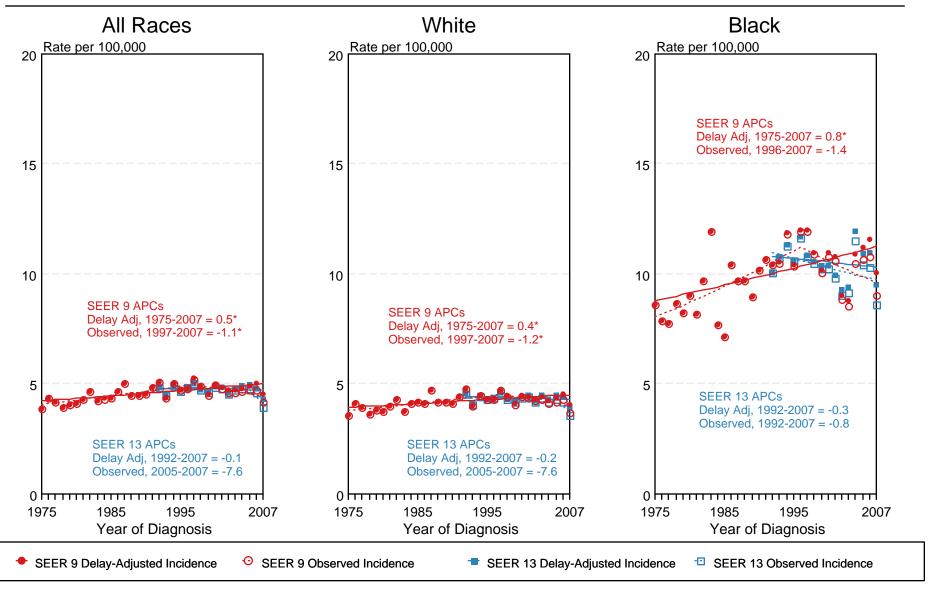


Figure 18.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 19.1 Non-Hodgkin Lymphoma

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Adjusted Incidence ^a , 1975-2007												
All Races	1975-1991	3.6*	1991-2007	0.6*							0.6*	0.6*
White	1975-1990	3.8*	1990-2007	0.8*							0.8*	0.8*
Black	1975-1995	4.6*	1995-2000	-2.6	2000-2004	5.7	2004-2007	-4.7			0.3	-2.2
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2007									
All Races	1992-2007	0.4*									0.4*	0.4*
White	1992-2007	0.5*									0.5*	0.5*
Black	1992-2007	0.8*									0.8*	0.8*
SEER 9 Observe												
All Races	1975-1991	3.7*	1991-2007	0.5*							0.5*	0.5*
White	1975-1991	3.7*	1991-2007	0.5*							0.5*	0.5*
Black	1975-1995	4.6*	1995-2000	-2.8	2000-2004	5.5	2004-2007	-5.6			-0.2	-2.9
SEER 13 Observ	ed Incidenceb	, 1992-2	007									
All Races	1992-2007	0.3*									0.3*	0.3*
White	1992-2007	0.3*									0.3*	0.3*
White NH ^{ef}	1992-2007	0.5*									0.5*	0.5*
Black	1992-2007	0.5									0.5	0.5
Black NH ^{ef}	1992-2007	0.5									0.5	0.5
API ^e	1992-2007	-0.2									-0.2	-0.2
AI/AN ^{eg}	1992-2007	2.6									2.6	2.6
Hispanic ^f	1992-2007	-0.1									-0.1	-0.1
U.S. Cancer Mo	rtality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanicf												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Table 19.2 Non-Hodgkin Lymphoma

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Adjusted Incidence ^a , 1975-2007												
All Races	1975-1991	4.2*	1991-2007	0.3*							0.3*	0.3*
White	1975-1990	4.5*	1990-2007	0.5*							0.5*	0.5*
Black	1975-1994	5.5*	1994-2007	-0.6							-0.6	-0.6
SEER 13 Delay-	-Adjusted Inc:	idence ^b ,	1992-2007									
All Races	1992-2007	0.0									0.0	0.0
White	1992-2007	0.2									0.2	0.2
Black	1992-2007	-0.3									-0.3	-0.3
SEER 9 Observe												
All Races	1975-1991	4.2*	1991-2007	0.2							0.2	0.2
White	1975-1990	4.5*	1990-2007	0.3*							0.3*	0.3*
Black	1975-1994	5.5*	1994-2007	-0.8							-0.8	-0.8
SEER 13 Observ	red Incidence ^k	°, 1992-2	007									
All Races	1992-2007	-0.1									-0.1	-0.1
White	1992-2007	0.0									0.0	0.0
White NH ^{ef}	1992-2007	0.2									0.2	0.2
Black	1992-2007	-0.5									-0.5	-0.5
Black NH ^{ef}	1992-2007	-0.6									-0.6	-0.6
API ^e	1992-2007	-0.4									-0.4	-0.4
AI/AN ^{eg}	1992-2007	2.1									2.1	2.1
Hispanic ^f	1992-2007	-0.6									-0.6	-0.6
U.S. Cancer Mo	ortality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mc	ortality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Table 19.3 Non-Hodgkin Lymphoma

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	lenceª, 1	<u>975-2007</u>									
All Races	1975-1990	2.9*	1990-2007	1.1*							1.1*	1.1*
White	1975-1990	2.9*	1990-2007	1.1*							1.1*	1.1*
Black	1975-2007	2.6*									2.6*	2.6*
SEER 13 Delay-	Adjusted Inci											
All Races	1992-2004	1.3*	2004-2007	-1.2							0.4	-0.6
White	1992-2007	1.0*									1.0*	1.0*
Black	1992-2007	2.3*									2.3*	2.3*
SEER 9 Observe			<u>07</u>									
All Races	1975-1990	2.8*	1990-2004	1.2*	2004-2007	-1.5					0.3	-0.8
White	1975-1990	3.0*	1990-2007	1.0*							1.0*	1.0*
Black	1975-2007	2.5*									2.5*	2.5*
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-2004	1.2*	2004-2007	-1.8							0.2	-1.1
White	1992-2004	1.2*	2004-2007	-1.6							0.3	-0.9
White NH ^{ef}	1992-2004	1.3*	2004-2007	-1.4							0.4	-0.7
Black	1992-2007	2.0*									2.0*	2.0*
Black NH ^{ef}	1992-2007	2.0*									2.0*	2.0*
API ^e	1992-2007	0.2									0.2	0.2
AI/AN ^{eg}	1992-2007	3.4									3.4	3.4
Hispanic ^f	1992-2007	0.6*									0.6*	0.6*
U.S. Cancer Mo	rtality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ exttt{Hispanic}^{ exttt{f}}$												
					0010 77 1					,		

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

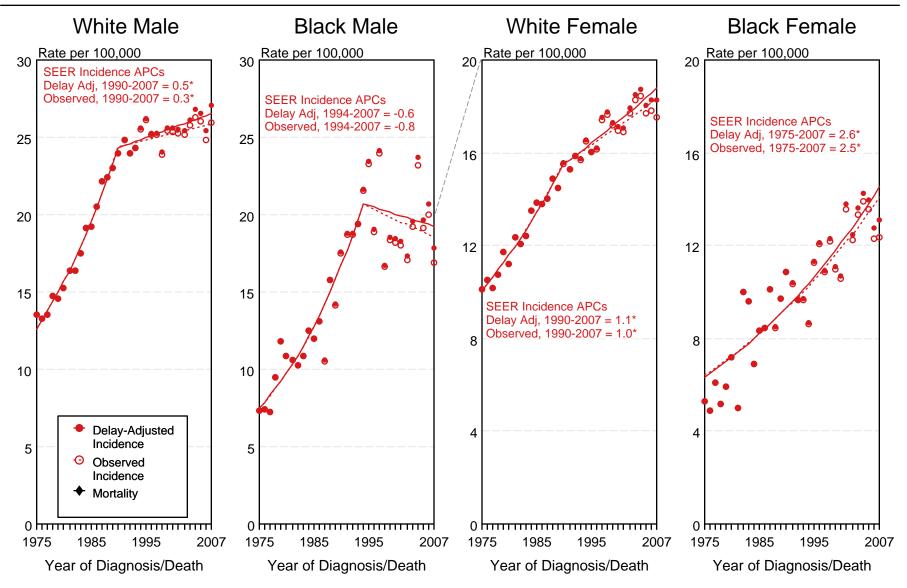
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Non-Hodgkin Lymphoma, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Non-Hodgkin Lymphoma, Male, by Race

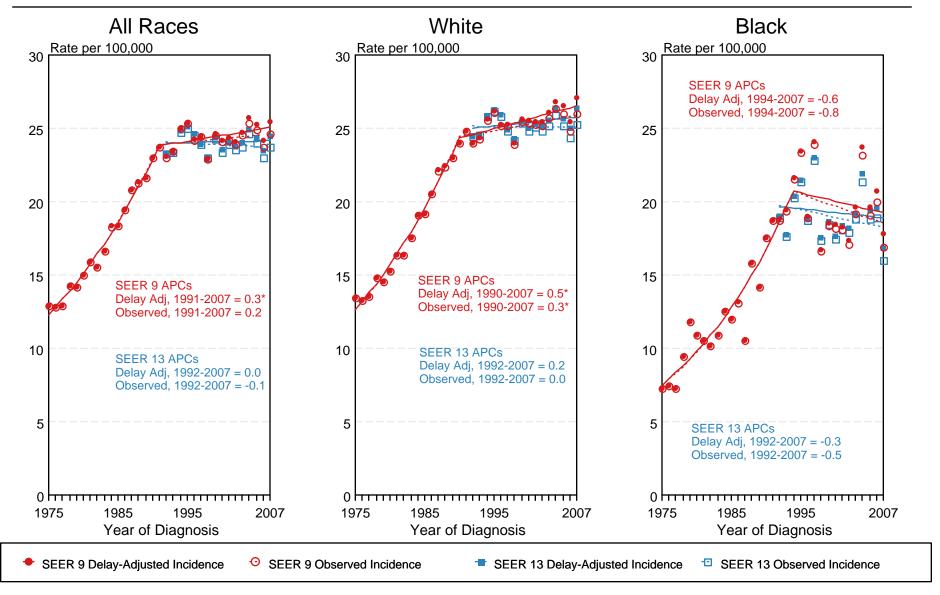


Figure 19.5

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Non-Hodgkin Lymphoma, Female, by Race

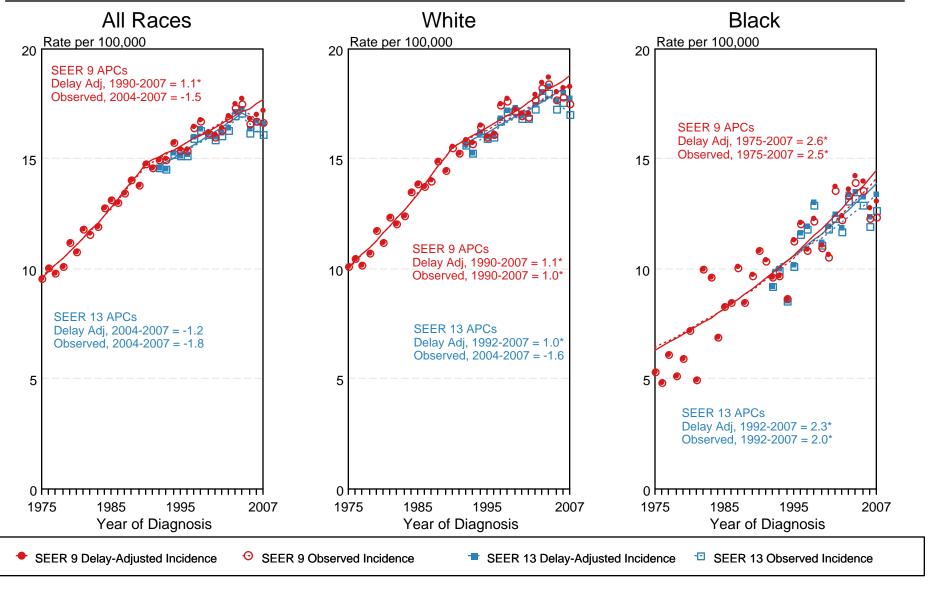


Figure 19.6

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 20.1 Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	⊇C ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1979	1.6	1979-2007	-1.0*							-1.0*	-1.0*
White	1975-2007	-0.8*									-0.8*	-0.8*
Black	1975-1984	2.5*	1984-2007	-2.5*							-2.5*	-2.5*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-1.2*									-1.2*	-1.2*
White	1992-2007	-0.9*									-0.9*	-0.9*
Black	1992-2007	-2.7*									-2.7*	-2.7*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1981	0.7	1981-2007	-1.1*							-1.1*	-1.1*
White	1975-2007	-0.9*									-0.9*	-0.9*
Black	1975-1984	2.5*	1984-2007	-2.6*							-2.6*	-2.6*
SEER 13 Observ	red Incidence	°, 1992-2	007									
All Races	1992-2007	-1.3*									-1.3*	-1.3*
White	1992-2007	-1.1*									-1.1*	-1.1*
White NH ^{ef}	1992-2007	-0.8*									-0.8*	-0.8*
Black	1992-2007	-2.8*									-2.8*	-2.8*
Black NH ^{ef}	1992-2007	-2.9*									-2.9*	-2.9*
API ^e	1992-2007	-1.3*									-1.3*	-1.3*
AI/AN ^{eg}	1992-2007	-3.9*									-3.9*	-3.9*
$ exttt{Hispanic}^{ exttt{f}}$	1992-2007	-2.1*									-2.1*	-2.1*
U.S. Cancer Mo	ortality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanicf												
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Pr The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Table 20.3 Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2007									
All Races	1975-2007	-1.2*									-1.2*	-1.2*
White	1975-2007	-1.1*									-1.1*	-1.1*
Black	1975-1987	1.9*	1987-2007	-3.2*							-3.2*	-3.2*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-1.4*									-1.4*	-1.4*
White	1992-2007	-1.1*									-1.1*	-1.1*
Black	1992-2007	-3.2*									-3.2*	-3.2*
SEER 9 Observe	d Incidencea,	1975-20	07									
All Races	1975-2007	-1.2*									-1.2*	-1.2*
White	1975-2007	-1.1*									-1.1*	-1.1*
Black	1975-1987	1.9*	1987-2007	-3.3*							-3.3*	-3.3*
SEER 13 Observ	ed Incidence	o, 1992-2	007									
All Races	1992-2007	-1.5*									-1.5*	-1.5*
White	1992-2007	-1.2*									-1.2*	-1.2*
White NH ^{ef}	1992-2007	-0.9*									-0.9*	-0.9*
Black	1992-2007	-3.4*									-3.4*	-3.4*
Black NH ^{ef}	1992-2007	-3.4*									-3.4*	-3.4*
API ^e	1992-2007	-1.6*									-1.6*	-1.6*
AI/AN ^{eg}	1992-2007	-6.2*									-6.2*	-6.2*
Hispanic ^f	1992-2007	-2.5*									-2.5*	-2.5*
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races	, ,											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
$ exttt{Hispanic}^{ exttt{f}}$												
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Table 20.4 Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Frend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1980	2.5*	1980-2007	-0.9*							-0.9*	-0.9*
White	1975-1981	2.0	1981-2007	-0.9*							-0.9*	-0.9*
Black	1975-2007	-1.4*									-1.4*	-1.4*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-1.1*									-1.1*	-1.1*
White	1992-2007	-1.2*									-1.2*	-1.2*
Black	1992-2007	-1.3*									-1.3*	-1.3*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1980	2.6*	1980-2007	-1.0*							-1.0*	-1.0*
White	1975-1981	2.1*	1981-2007	-0.9*							-0.9*	-0.9*
Black	1975-2007	-1.5*									-1.5*	-1.5*
SEER 13 Observ	red Incidence	, 1992-2	007									
All Races	1992-2007	-1.2*									-1.2*	-1.2*
White	1992-2007	-1.3*									-1.3*	-1.3*
White NH ^{ef}	1992-2007	-1.1*									-1.1*	-1.1*
Black	1992-2007	-1.4*									-1.4*	-1.4*
Black NH ^{ef}	1992-2007	-1.4*									-1.4*	-1.4*
API ^e	1992-2007	-0.8									-0.8	-0.8
AI/AN ^{eg}	1992-2007	0.6									0.6	0.6
Hispanic ^f	1992-2007	-1.7*									-1.7*	-1.7*
U.S. Cancer Mo	ortality ^c , 197	<u> </u>										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, by Race and Sex

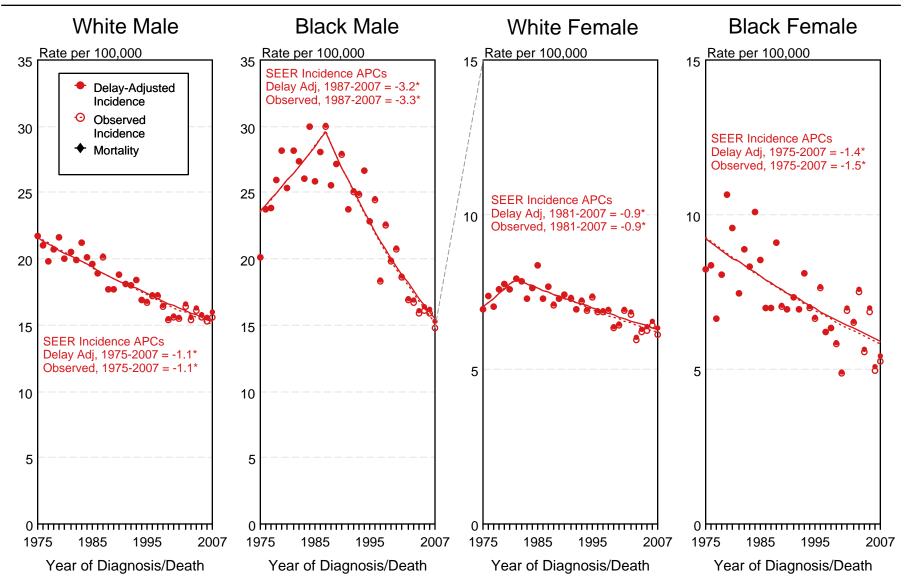


Figure 20.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Oral Cavity and Pharynx, Male, by Race

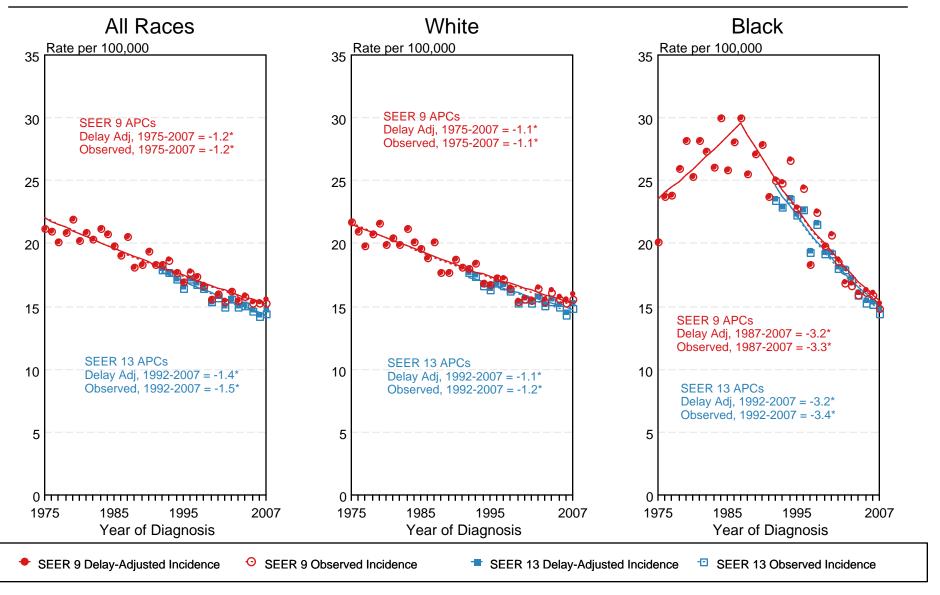


Figure 20.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Oral Cavity and Pharynx, Female, by Race

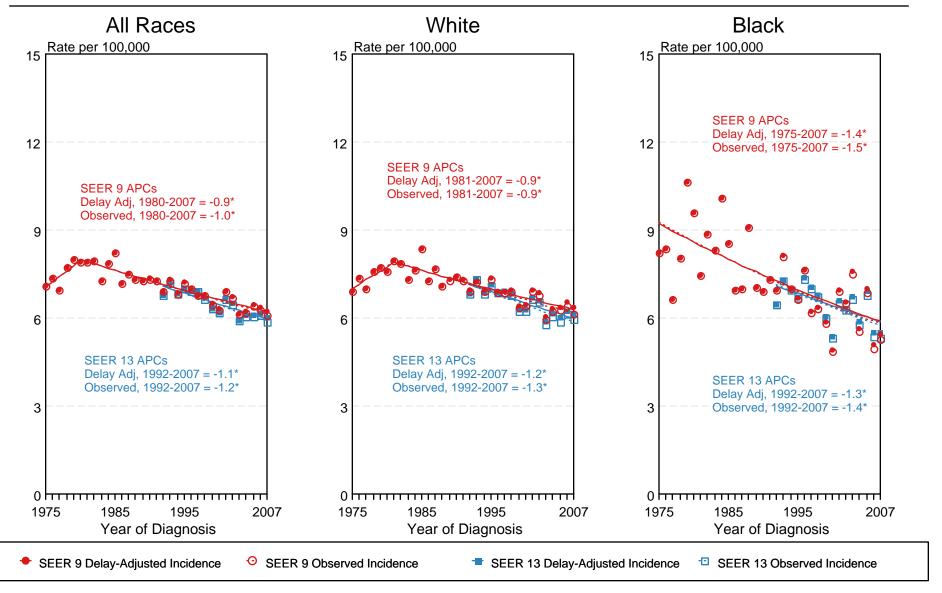


Figure 20.5

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 21.1 Cancer of the Ovary (Invasive)

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint Trend 1	Joinpoint 7	Frend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	λ λ	PC ^d
	Years APC	Years	APC	Years	APC	Years	APC	Years	APC		2003-2007
SEER 9 Delay	v-Adjusted Incidencea, 1975-1985 0.1		-0.7*	2001-2007	-1.9*					-1.5*	-1.9*
White	1975-1985 0.3	1985-2001	-0.6*	2001-2007	-2.1*					-1.6*	-2.1*
Black	1975-2007 -0.4*	1703 2001		2001 2007						-0.4*	-0.4*
SEER 13 Dela	ay-Adjusted Incidence ^b ,	1992-2007									
All Races	1992-2007 -1.0*	0001 0005								-1.0*	-1.0*
White Black	1992-2001 -0.5* 1992-2007 -0.2	2001-2007	-1.8*							-1.4* -0.2	-1.8* -0.2
										-0.2	-0.2
SEER 9 Obser All Races	<u>rved Incidence^a, 1975-2</u> 1975-1985 0.2	1985-2001	-0.7*	2001-2007	-2.2*					-1.7*	-2.2*
White	1975-1985 0.3	1985-2001	-0.7*	2001-2007	-2.5*					-1.9*	-2.5*
Black	1975-2007 -0.5*									-0.5*	-0.5*
SEER 13 Obse	erved Incidenceb, 1992-										
All Races	1992-2001 -0.6*	2001-2007	-2.0*							-1.5*	-2.0*
White	1992-2001 -0.5*	2001-2007	-2.3*							-1.7*	-2.3*
White NH ^{ef} Black	1992-2000 -0.4 1992-2007 -0.5	2000-2007	-1.9*							-1.6* -0.5	-1.9* -0.5
Black NH ^{ef}										-0.5	-0.5
API ^e	1992-2007 0.0									0.0	0.0
AI/AN ^{eg}	1992-2007 0.0									0.0	0.0
Hispanicf	1992-2007 -0.7									-0.7	-0.7
U.S. Cancer All Races White Black	Mortality ^c , 1975-2007										
U.S. Cancer All Races White	Mortality ^c , 1992-2007										
White NH ^{ef}											
Black											
Black NH ^{ef}											
APIe											
AI/AN ^{eg} Hispanic ^f											
-											
Join	y excludes borderline opoint Regression Progra APC is the Annual Perce	m Version 3.4.3	3, April	2010, Nationa	l Cancer	Institute. ()).

Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.

Table 21.2 Cancer of the Ovary (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages <65 by Race/Ethnicity

	Joinpoint '	Trend 1	<u>Joinpoint</u>	Trend 2	Joinpoint	Trend 3	<u>Joinpoint</u>	Trend 4	<u>Joinpoint</u>	Trend 5	AA1	PC _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-200
SEER 9 Delay-A	Adjusted Incid	denceª, 1	975-2007									
All Races	1975-2007	-1.1*									-1.1*	-1.1*
White	1975-2007	-1.1*									-1.1*	-1.1*
Black	1975-2007	-0.9*									-0.9*	-0.9*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-0.9*									-0.9*	-0.9*
White	1992-2007	-1.0*									-1.0*	-1.0*
Black	1992-2007	-0.1									-0.1	-0.1
SEER 9 Observe	ed Incidencea,	, 1975-20	<u>07</u>									
All Races	1975-2007	-1.2*									-1.2*	-1.2*
White	1975-2007	-1.2*									-1.2*	-1.2*
Black	1975-2007	-1.0*									-1.0*	-1.0*
SEER 13 Observ	ved Incidence	b, 1992-2	007									
All Races	1992-2007	-1.0*									-1.0*	-1.0*
White	1992-2007	-1.2*									-1.2*	-1.2*
White NH ^{ef}	1992-2007	-1.2*									-1.2*	-1.2*
Black	1992-2007	-0.4									-0.4	-0.4
Black NH ^{ef}	1992-2007	-0.4									-0.4	-0.4
API ^e	1992-2007	-0.1									-0.1	-0.1
AI/AN ^{eg}	1992-2007	-1.5									-1.5	-1.5
Hispanicf	1992-2007	-0.7									-0.7	-0.7
U.S. Cancer Mo	ortality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
	excludes borde											
	int Regression											
	C is the Annua) .
	are from the				connecticut,							

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.

Table 21.3 Cancer of the Ovary (Invasive)

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages 65+ by Race/Ethnicity

	<u>Joinpoint</u>	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Dela	ay-Adjusted Inci	denceª, 1	975-2007									
All Races	1975-1990	1.4*	1990-2007	-1.0*							-1.0*	-1.0*
White	1975-1990	1.5*	1990-2007	-0.9*							-0.9*	-0.9*
Black	1975-2007	0.2									0.2	0.2
SEER 13 De	lay-Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-1.1*									-1.1*	-1.1*
White	1992-2007	-0.9*									-0.9*	-0.9*
Black	1992-2007	-0.3									-0.3	-0.3
SEER 9 Obse	erved Incidencea	, 1975-20	007									
All Races	1975-1990	1.4*	1990-2007	-1.2*							-1.2*	-1.2*
White	1975-1991	1.4*	1991-2007	-1.2*							-1.2*	-1.2*
Black	1975-2007	0.1									0.1	0.1
SEER 13 Ob	served Incidence	^b , 1992-2	2007									
All Races	1992-2007	-1.2*									-1.2*	-1.2*
White	1992-2007	-1.1*									-1.1*	-1.1*
White NH	1992-2007	-1.1*									-1.1*	-1.1*
Black	1992-2007	-0.6									-0.6	-0.6
Black NH	1992-2007	-0.6									-0.6	-0.6
API ^e	1992-2007	0.2									0.2	0.2
AI/AN ^{eg}	1992-2007	1.2									1.2	1.2
Hispanic ^f	1992-2007	-0.7									-0.7	-0.7
U.S. Cance	r Mortality ^c , 19	75-2007										
All Races												
White												
Black												
U.S. Cance:	r Mortality ^c , 199	92-2007										
All Races												
White												
White NH	ef											
Black	•											
Black NH	ÐI.											
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
Joi The ^a Tre ^b Tre	ry excludes bord npoint Regression APC is the Annu- nds are from the nds are from the	n Program al Percen SEER 9 a SEER 13	n Version 3.4. nt Change base areas (San Fra areas (SEER 9	3, April d on rate ncisco, (Areas, I	2010, Nation es age-adjust Connecticut, Los Angeles,	nal Cancer ted to the Detroit, I San Jose-N	Institute. (2000 US Std Hawaii, Iowa, Monterey, Rur	Population New Mexical Georgia	n (19 age gro co, Seattle, a, and the Al	oups - Cen Utah, and Laska Nati	sus P25-1130 Atlanta). ve Registry)	

- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Ovary, by Race

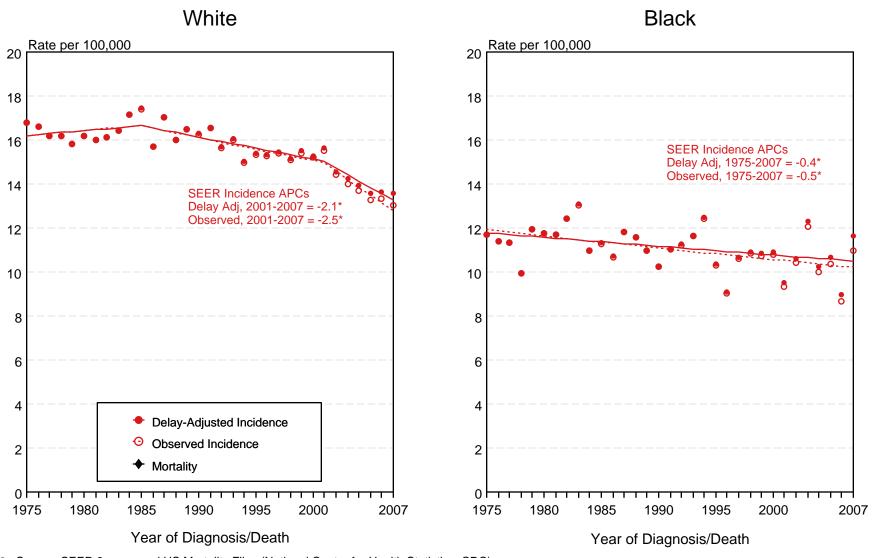
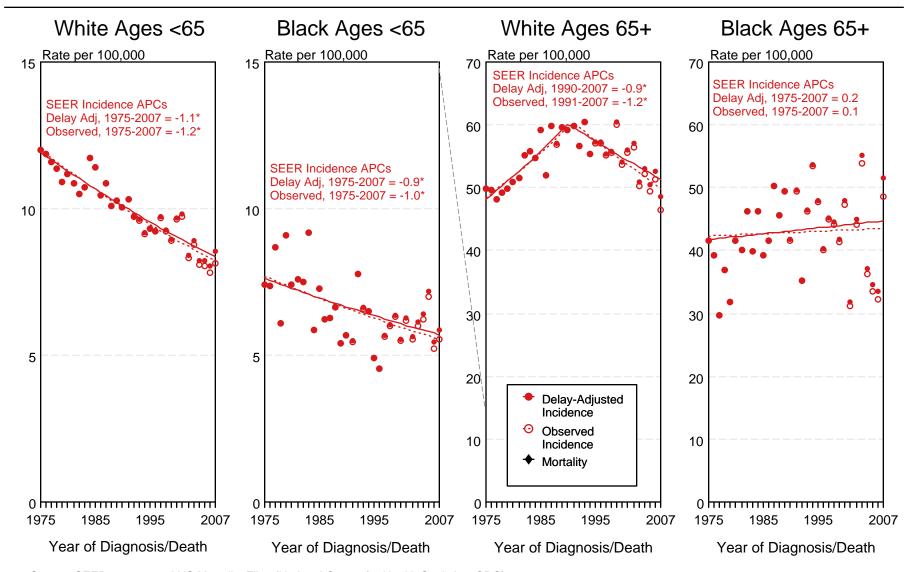


Figure 21.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Ovary, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Ovary, by Race

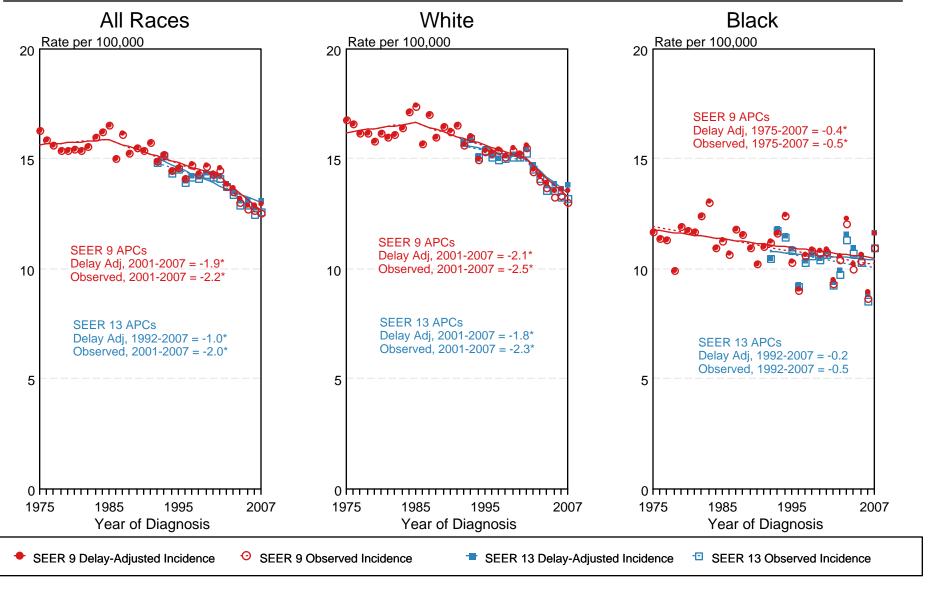


Figure 21.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 22.1 Cancer of the Pancreas (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint T	rend 2	Joinpoint '	Frend 3	Joinpoint 7	Trend 4	Joinpoint T	rend 5	AA1	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	denceª, 1	975-2007									
All Races	1975-1978	-2.2	1978-1984	1.3*	1984-1989	-1.5	1989-2001	0.0	2001-2007	1.5*	1.0*	1.5*
White	1975-1979	-1.9	1979-1984	1.7	1984-1987	-2.6	1987-1999	-0.1	1999-2007	1.5*	1.3*	1.5*
Black	1975-2007	-0.3*									-0.3*	-0.3*
SEER 13 Delay-	Adjusted Inc:	idence ^b ,	1992-2007									
All Races	1992-2001	0.0	2001-2007	1.4*							0.9*	1.4*
White	1992-2000	0.1	2000-2007	1.4*							1.1*	1.4*
Black	1992-2007	-0.6*									-0.6*	-0.6*
SEER 9 Observe	d Incidencea,	1975-20	07									
All Races	1975-1978	-2.2	1978-1983	1.3	1983-1995	-0.7*	1995-2007	0.7*			0.7*	0.7*
White	1975-1978	-2.5	1978-1984	1.0	1984-1994	-0.9*	1994-2007	0.8*			0.8*	0.8*
Black	1975-2007	-0.3*									-0.3*	-0.3*
SEER 13 Observ	ed Incidence	°, 1992-2	007									
All Races	1992-2007	0.4*									0.4*	0.4*
White	1992-2007	0.5*									0.5*	0.5*
White NH ^{ef}	1992-2007	0.6*									0.6*	0.6*
Black	1992-2007	-0.8*									-0.8*	-0.8*
Black NH ^{ef}	1992-2007	-0.8*									-0.8*	-0.8*
API ^e	1992-2007	0.2									0.2	0.2
AI/AN ^{eg}	1992-2007	3.2*									3.2*	3.2*
Hispanic ^f	1992-2007	0.1									0.1	0.1
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races	-											
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												

Black Black NH^{ef}

APT^e AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

The APC/AAPC is significantly different from zero (p<.05).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

Joinpoint regression line analysis could not be performed on data series.

Table 22.2 Cancer of the Pancreas (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '		Joinpoint T		Joinpoint 1		Joinpoint T		Joinpoint T		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2007									
All Races	1975-1981	-1.8*	1981-1985	1.1	1985-1990	-2.2*	1990-2003	0.2	2003-2007	2.0*	1.0*	2.0*
White	1975-1995	-0.9*	1995-2007	1.1*							1.1*	1.1*
Black	1975-2007	-0.7*									-0.7*	-0.7*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2003	0.0	2003-2007	1.9*							0.8*	1.9*
White	1992-2007	0.7*									0.7*	0.7*
Black	1992-2007	-1.0*									-1.0*	-1.0*
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1995	-0.8*	 1995-2007	0.6*							0.6*	0.6*
White	1975-1994	-1.0*	1994-2007	0.8*							0.8*	0.8*
Black	1975-2007	-0.7*									-0.7*	-0.7*
SEER 13 Observ	red Incidence	°. 1992-2	007									
All Races	1992-2007	0.2	<u> </u>								0.2*	0.2*
White	1992-2007	0.5*									0.5*	0.5*
White NH ^{ef}	1992-2007	0.6*									0.6*	0.6*
Black	1992-2007	-1.2*									-1.2*	-1.2*
Black NH ^{ef}	1992-2007	-1.1*									-1.1*	-1.1*
API ^e	1992-2007	-0.5									-0.5	-0.5
AI/AN ^{eg}	1992-2007	3.0									3.0	3.0
Hispanic ^f	1992-2007	0.0									0.0	0.0
U.S. Cancer Mo All Races White Black	ortality ^c , 197	<u>75-2007</u>										
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	ortality ^c , 199	92-2007										

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Hispanicf

Table 22.3 Cancer of the Pancreas (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint :	Trend 1	Joinpoint :	Trend 2	Joinpoint T	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Incid	dencea. 1	975-2007									
All Races	1975-1984	1.3*	1984-1999	-0.4*	1999-2007	1.4*					1.2*	1.4*
White	1975-1984	1.2*	1984-1999	-0.4*	1999-2007	1.6*					1.4*	1.6*
Black	1975-2007	0.1									0.1	0.1
GEED 13 D-1	7.34	b	1000 0007									
SEER 13 Delay- All Races	1992-2000	-0.1	2000-2007	1.3*							1.0*	1.3*
White	1992-2000	-0.1	2000-2007	1.5*							1.0*	1.5*
Black	1992-2007	-0.1	2000-2007	1.5							-0.4	-0.4
											-0.4	-0.4
SEER 9 Observe												
All Races	1975-1984	1.3*	1984-1999	-0.4	1999-2007	1.1*					0.9*	1.1*
White	1975-1984	1.2*	1984-1999	-0.4	1999-2007	1.3*					1.1*	1.3*
Black	1975-2007	0.0									0.0	0.0
SEER 13 Observ	ed Incidence	o, 1992-2	007									
All Races	1992-2007	0.4*									0.4*	0.4*
White	1992-2007	0.5*									0.5*	0.5*
White NH ^{ef}	1992-2007	0.5*									0.5*	0.5*
Black	1992-2007	-0.6									-0.6	-0.6
Black NH ^{ef}	1992-2007	-0.5									-0.5	-0.5
API ^e	1992-2007	0.9*									0.9*	0.9*
AI/AN ^{eg}	1992-2007	3.4									3.4	3.4
$ t Hispanic^{ ext{f}}$	1992-2007	0.2									0.2	0.2
U.S. Cancer Mo	rtality ^c 197	75-2007										
All Races	orcaricy, 157	3 2007										
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	<u> 2-2007</u>										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

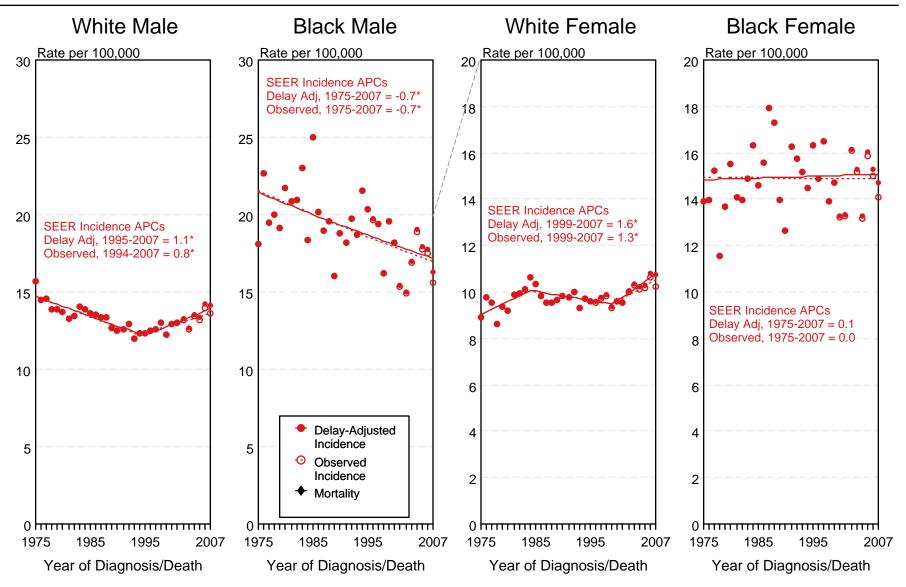
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Pancreas, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Pancreas, Male, by Race

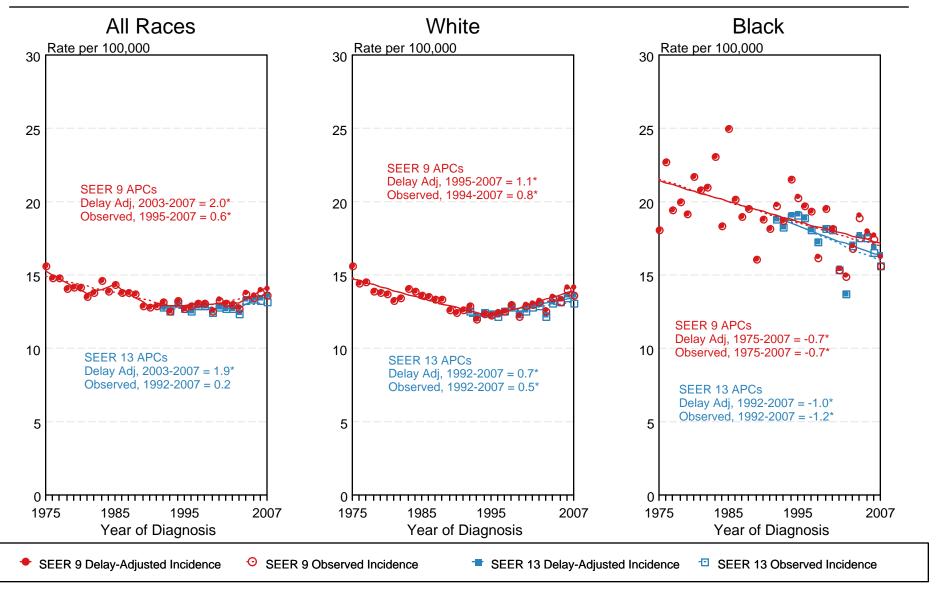
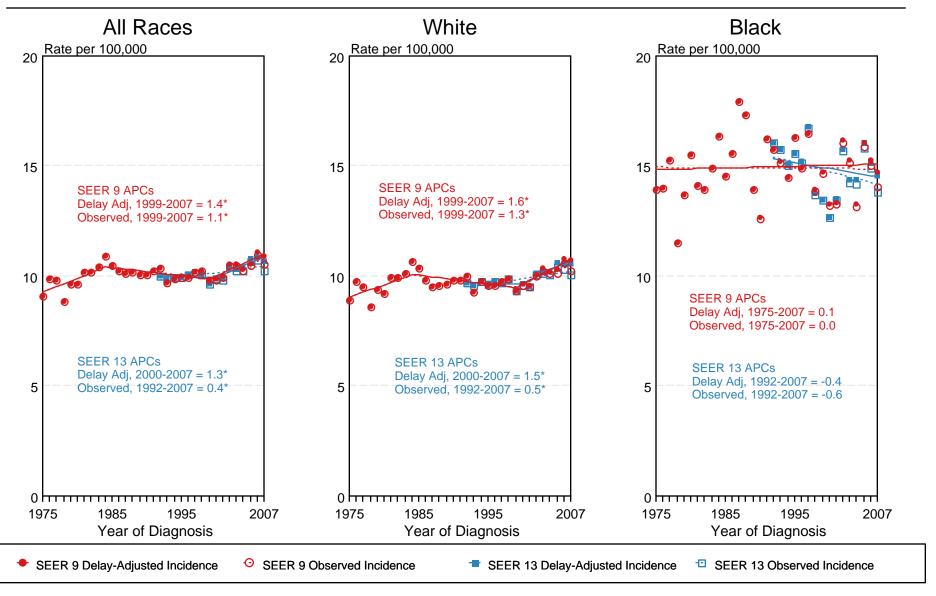


Figure 22.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Pancreas, Female, by Race



Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 23.1 Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 7	Trend 2	Joinpoint	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	⊇C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	denceª, 1	975-2007									
All Races	1975-1988	2.6*	1988-1992	16.5*	1992-1995	-11.5*	1995-2000	2.1	2000-2007	-1.7*	-0.9	-1.7*
White	1975-1988	2.8*	1988-1992	16.3*	1992-1995	-12.6*	1995-2000	2.6	2000-2007	-1.8*	-0.9	-1.8*
Black	1975-1989	2.1*	1989-1992	19.2*	1992-2007	-1.7*					-1.7*	-1.7*
SEER 13 Delay-A	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-1995	-11.1*	1995-2000	2.0	2000-2007	-2.1*					-1.2	-2.1*
White	1992-1995	-12.0*	1995-2000	2.4	2000-2007	-2.1*					-1.1	-2.1*
Black	1992-2007	-2.0*									-2.0*	-2.0*
SEER 9 Observed	d Incidencea,	, 1975-20	07									
All Races	1975-1988	2.6*	1988-1992	16.5*	1992-1995	-11.6*	1995-2000	2.1	2000-2007	-2.0*	-1.1*	-2.0*
White	1975-1988	2.8*	1988-1992	16.3*	1992-1995	-12.6*	1995-2000	2.6	2000-2007	-2.3*	-1.3*	-2.3*
Black	1975-1989	2.0*	1989-1992	21.6*	1992-1996	-4.9*	1996-2000	0.6	2000-2007	-2.9*	-2.1*	-2.9*
SEER 13 Observe	ed Incidence	b, 1992-20	007									
All Races	1992-1995	-11.1*	1995-2000	2.0	2000-2007	-2.3*					-1.4*	-2.3*
White	1992-1995	-12.0*	1995-2000	2.4	2000-2007	-2.6*					-1.5*	-2.6*
White NH ^{ef}	1992-1994	-17.1*	1994-2001	0.9	2001-2007	-2.5*					-1.4*	-2.5*
Black	1992-1996	-4.9*	1996-2000	1.1	2000-2007	-3.7*					-2.6*	-3.7*
Black NH ^{ef}	1992-2007	-2.2*									-2.2*	-2.2*
API ^e	1992-1997	-6.3*	1997-2000	5.2	2000-2007	-2.2*					-0.6	-2.2*
AI/AN ^{eg}	1992-2007	-2.3*									-2.3*	-2.3*
Hispanic ^f	1992-1995	-4.8	1995-2002	0.2	2002-2007	-4.3*					-2.3*	-4.3*

U.S. Cancer Mortality^c, 1975-2007

All Races

White Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APIe

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 23.2 Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages <65 by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 1	Trend 2	Joinpoint T	rend 3	Joinpoint '	Trend 4	Joinpoint I	rend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	lenceª, 19	975-2007									
All Races	1975-1988	3.1*	1988-1992	23.4*	1992-2002	3.3*	2002-2005	-3.9	2005-2007	6.2	1.4	1.0
White	1975-1988	3.5*	1988-1992	23.0*	1992-2002	3.2*	2002-2005	-4.0	2005-2007	6.0	1.3	0.9
Black	1975-1989	2.0*	1989-1993	25.9*	1993-2002	2.9*	2002-2005	-4.1	2005-2007	4.1	0.8	-0.1
SEER 13 Delay-	Adjusted Inci	dence ^b , 1	1992-2007									
All Races	1992-2002	3.3*	2002-2005	-4.4	2005-2007	5.1					1.0	0.2
White	1992-2001	3.3*	2001-2007	-1.0							0.4	-1.0
Black	1992-2000	4.1*	2000-2007	-1.1							0.0	-1.1
SEER 9 Observed	d Incidenceª,	1975-200	<u>)7</u>									
All Races	1975-1988	3.1*	1988-1992	23.4*	1992-2002	3.3*	2002-2005	-4.1	2005-2007	5.4	1.2	0.5
White	1975-1988	3.5*	1988-1992	23.1*	1992-2002	3.1*	2002-2005	-4.4	2005-2007	4.7	0.9	0.0
Black	1975-1989	2.0*	1989-1993	25.9*	1993-2002	2.7*	2002-2005	-4.6	2005-2007	2.5	0.2	-1.1
SEER 13 Observe	ed Incidenceb	, 1992-20	007									
All Races	1992-2002	3.3*	2002-2005	-4.6	2005-2007	4.3					0.8	-0.2
White	1992-2001	3.2*	2001-2007	-1.5							0.0	-1.5
White NH ^{ef}	1992-2001	3.2*	2001-2007	-1.3							0.2	-1.3
Black	1992-2000	4.0*	2000-2007	-1.7*							-0.5	-1.7*
Black NH ^{ef}	1992-2000	4.0*	2000-2007	-1.5							-0.3	-1.5*
API ^e	1992-2001	6.3*	2001-2007	0.1							2.1*	0.1
AI/AN ^{eg}	1992-2007	-0.6									-0.6	-0.6
Hispanic ^f	1992-2002	4.4*	2002-2007	-3.3*							0.0	-3.3*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanic^f

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Table 23.3 Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages 65+ by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 1	rend 2	Joinpoint '	Trend 3	Joinpoint '	Trend 4	Joinpoint '	Trend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	enceª, 1	975-2007									
All Races	1975-1988	2.5*	1988-1992	15.1*	1992-1995	-14.8*	1995-2000	1.1	2000-2007	-2.4*	-1.7*	-2.4*
White	1975-1988	2.7*	1988-1992	14.9*	1992-1995	-15.8*	1995-2000	1.7	2000-2007	-2.5*	-1.6*	-2.5*
Black	1975-1989	2.0*	1989-1992	20.1*	1992-1995	-8.9	1995-2007	-2.4*			-2.4*	-2.4*
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2007									
All Races	1992-1995	-14.1*	1995-2000	0.9	2000-2007	-2.7*					-1.9*	-2.7*
White	1992-1995	-15.1*	1995-2000	1.4	2000-2007	-2.7*					-1.8*	-2.7*
Black	1992-2007	-3.6*									-3.6*	-3.6*
SEER 9 Observed	d Incidence ^a ,	1975-20	07									
All Races	1975-1988	2.5*	1988-1992	15.1*	1992-1995	-14.8*	1995-2000	1.1	2000-2007	-2.7*	-1.9*	-2.7*
White	1975-1988	2.7*	1988-1992	14.9*	1992-1995	-15.8*	1995-2000	1.6	2000-2007	-3.0*	-2.0*	-3.0*
Black	1975-1989	2.0*	1989-1992	19.9*	1992-1995	-8.6	1995-2007	-2.9*			-2.9*	-2.9*
SEER 13 Observe	ed Incidenceb	, 1992-2	007									
All Races	1992-1995	-14.2*	1995-2000	0.9	2000-2007	-2.9*					-2.1*	-2.9*
White	1992-1995	-15.1*	1995-2000	1.4	2000-2007	-3.1*					-2.2*	-3.1*
White NH ^{ef}	1992-1995	-15.6*	1995-2000	1.5	2000-2007	-3.0*					-2.0*	-3.0*
Black	1992-2007	-3.9*									-3.9*	-3.9*
Black NH ^{ef}	1992-2007	-3.9*									-3.9*	-3.9*
API ^e	1992-1997	-7.8*	1997-2000	4.0	2000-2007	-2.9*					-1.4	-2.9*
AI/AN ^{eg}	1992-2007	-2.9*									-2.9*	-2.9*
Hispanic ^f	1992-1995	-7.4*	1995-2000	0.2	2000-2007	-4.0*					-3.1*	-4.0*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APTe

AI/AN^{eg}

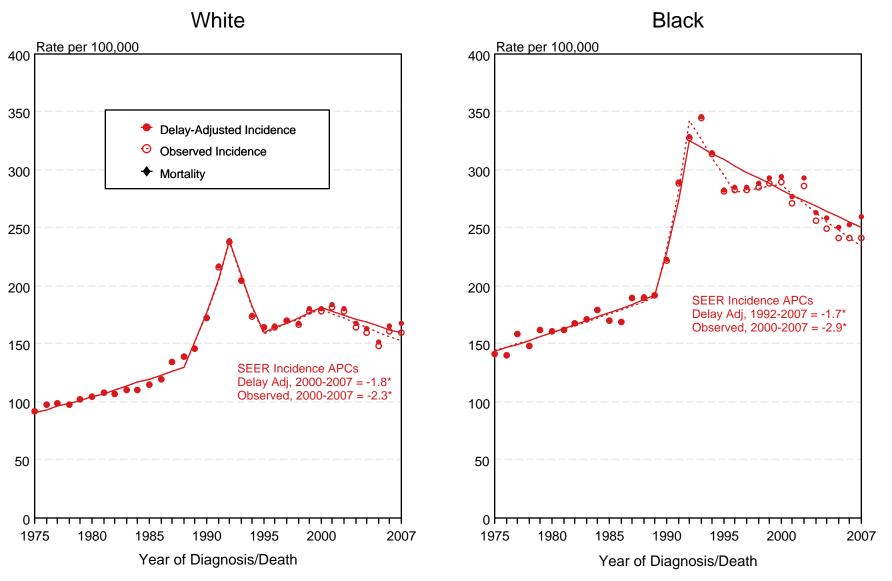
Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

 The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

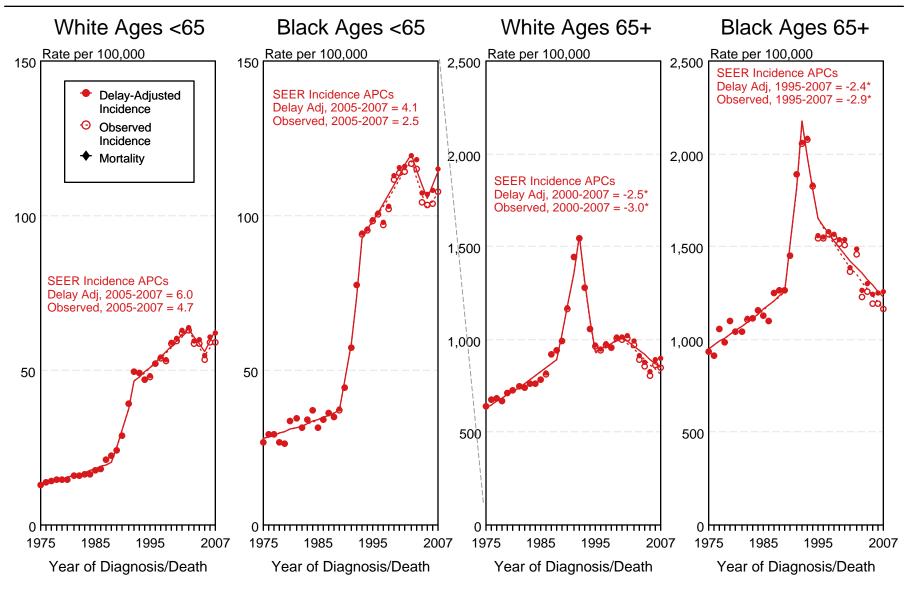
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Prostate, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Prostate, by Age and Race

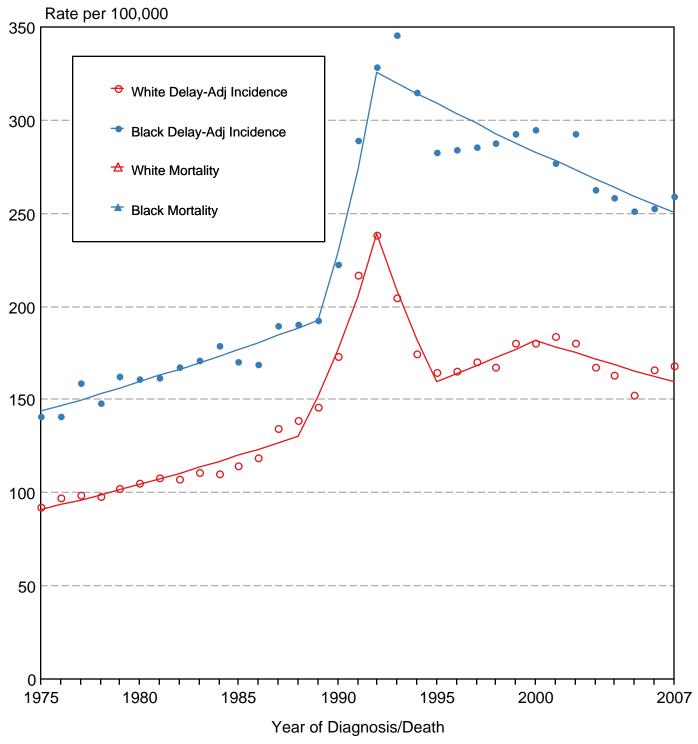


Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

Figure 23.2

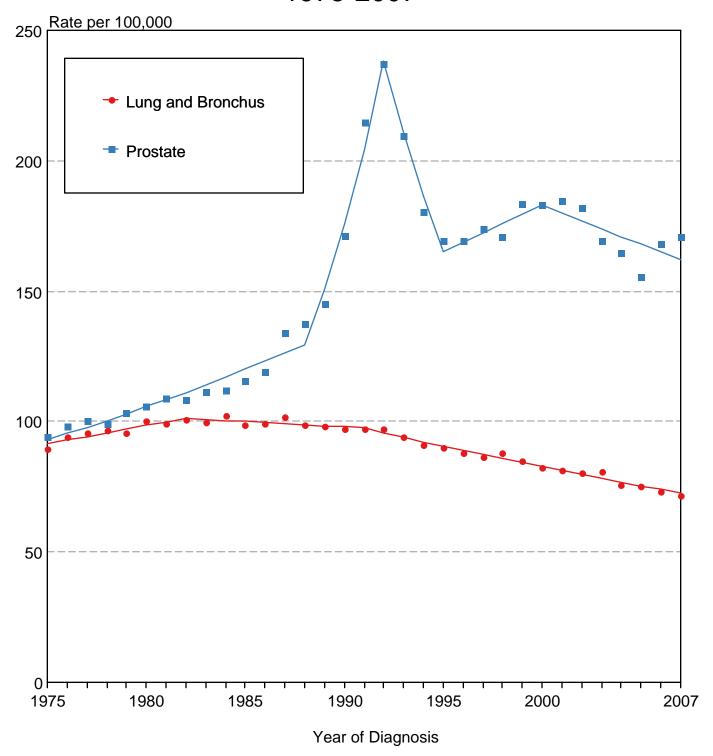
The APC is significantly different from zero (p < 0.05).

Cancer of the Prostate Delay-Adjusted SEER Incidence & US Mortality 1975-2007



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

Delay-Adjusted Incidence Rates for Cancer of the Prostate and Cancer of the Lung and Bronchus All Races, Males 1975-2007



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Prostate, by Race

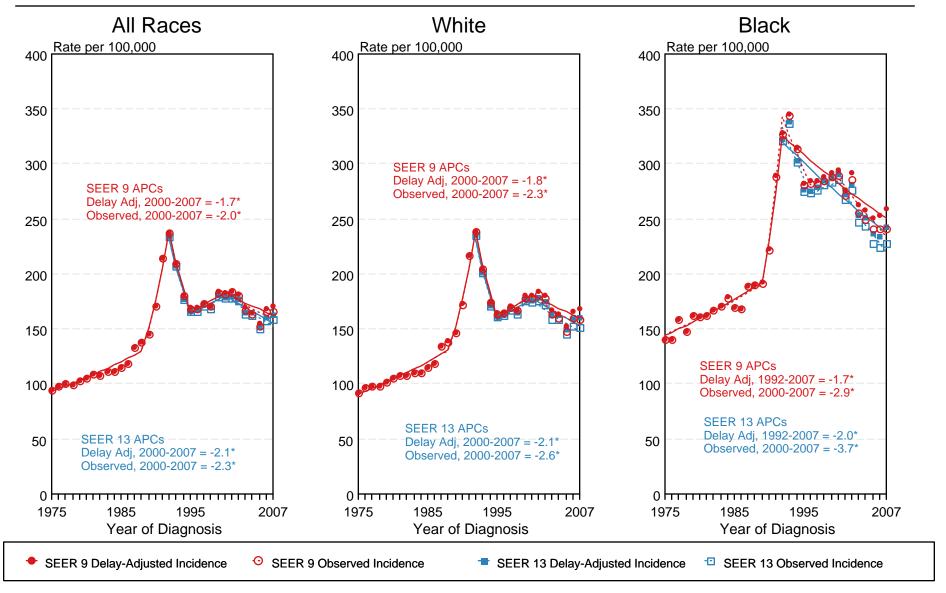


Figure 23.6

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 24.1 Cancer of the Stomach (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

Black 1975-2007 -1.4* -1.4* SEER 13 Delay-Adjusted Incidence ^b , 1992-2007 All Races 1992-2007 -1.3* -1.3* Black 1992-2007 -1.8* -1.3* Black 1992-2007 -1.8* -1.8* SEER 9 Observed Incidence ^a , 1975-2007 All Races 1975-2007 -1.6* White 1975-2007 -1.6* Black 1975-1982 1.2 1982-2007 -1.8* SEER 13 Observed Incidence ^b , 1992-2007 All Races 1992-2007 -1.4* -1.8* SEER 13 Observed Incidence ^b , 1992-2007 All Races 1992-2007 -1.4* White 1992-2007 -1.4* White 1992-2007 -1.4* Black 1992-2007 -1.9* Black 199		Joinpoint	int Trend 1 Joinpoint Trend 2 Joinpoint Trend 3 Joinpoint Trend 4 Joinpoint Trend 5		Trend 5	AAPC ^d							
All Races 1975-2007 -1.6* white 1975-2007 -1.4* Black 1975-2007 -1.4* \$1982-2007 -1.4* All Races 1992-2007 -1.4* All Races 1992-2007 -1.3* Black 1992-2007 -1.8* All Races 1992-2007 -1.8* All Races 1992-2007 -1.8* \$25ER 13 Delay-Majusted Incidence*, 1992-2007 All Races 1992-2007 -1.8* \$25ER 13 Observed Incidence*, 1975-2007 All Races 1975-2007 -1.6* white 1975-2007 -1.9* Black 1975-1982 1.2 1982-2007 -1.8* \$25ER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* White Nife* 1992-2007 -1.4* White Nife* 1992-2007 -1.9* Black Nife* 1992-2007 -1.9* All Races Nife* 1992-2007 -1.9* Black Nife* 1992-2007 -1.9* All Races Nife* Ni		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
All Races 1975-2007 -1.6* white 1975-2007 -1.4* Black 1975-2007 -1.4* \$1982-2007 -1.4* All Races 1992-2007 -1.4* All Races 1992-2007 -1.3* Black 1992-2007 -1.8* All Races 1992-2007 -1.8* All Races 1992-2007 -1.8* \$25ER 13 Delay-Majusted Incidence*, 1992-2007 All Races 1992-2007 -1.8* \$25ER 13 Observed Incidence*, 1975-2007 All Races 1975-2007 -1.6* white 1975-2007 -1.9* Black 1975-1982 1.2 1982-2007 -1.8* \$25ER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* White Nife* 1992-2007 -1.4* White Nife* 1992-2007 -1.9* Black Nife* 1992-2007 -1.9* All Races Nife* 1992-2007 -1.9* Black Nife* 1992-2007 -1.9* All Races Nife* Ni	SEER 9 Delay-A	Adiusted Inci	dence ^a 1	975-2007									
### ### ### ### ### ### ### ### ### ##				<u> </u>								-1.6*	-1.6*
Black 1975-2007 -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4*	White												
All Races 1992-2007 -1.4* -1.4* -1.4* Mite 1992-2007 -1.8* -1.3* -1.3* -1.3* Black 1992-2007 -1.8* -1.8* SEER 9 Observed Incidence*, 1975-2007 All Races 1975-2007 -1.6* -1.6* -1.6* -1.6* -1.6* -1.9	Black												
All Races 1992-2007 -1.4* -1.4* -1.4* Mite 1992-2007 -1.8* -1.3* -1.3* -1.3* Black 1992-2007 -1.8* -1.8* SEER 9 Observed Incidence*, 1975-2007 All Races 1975-2007 -1.6* -1.6* -1.6* -1.6* -1.6* -1.9	SEER 13 Delay-	-Adiusted Inc	idenceb	1992-2007									
White 1992-2007 -1.3* -1.3* -1.3* -1.3* -1.3* -1.3* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.8* -1.6* -1.6* -1.6* -1.6* -1.6* -1.6* -1.6* -1.6* -1.6* -1.8* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4* -1.4*				1002 2007								-1.4*	-1.4*
Black 1992-2007 -1.8* -1.8* SEER 9 Observed Incidence*, 1975-2007 All Races 1975-2007 -1.0* -1.0* White 1975-2007 -1.9* -1.9* Black 1992-2007 -1.9* Black 1992-2007 -1.8* SEER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* -1.4* -1.4* White 1992-2007 -1.4* -1.4* -1.4* White NHef 1992-2007 -1.9* -1.9* Black NHef 1992-2007 -1.6* -1.6* U.S. Cancer Mortality*, 1975-2007 All Races White Black Black Shite Shace Shite Shi													
All Races 1975-2007 -1.6* All Races 1975-2007 -1.9* Black 1975-1982 1.2 1982-2007 -1.8* SEER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* All Races 1992-2007 -1.4* White NHef 1992-2007 -1.9* Black NHef 1992-2007 -1.9* Black NHef 1992-2007 -1.9* Black NHef 1992-2007 -1.9* Black NHef 1992-2007 -1.6* Clare Nortality*, 1992-2007 -1.6* U.S. Cancer Mortality*, 1975-2007 All Races White Black Black Black Black Sheft Blac	Black												
All Races 1975-2007 -1.6* white 1975-2007 -1.9* black 1975-1982 1.2 1982-2007 -1.8* SEER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* white 1992-2007 -1.4* White NHef* 1992-2007 -1.9* Black 1992-2007 -1.9* Black NHef* 1992-2007 -1.9* Black NHef* 1992-2007 -1.9* Black NHef* 1992-2007 -1.9* All Races 1992-2007 -1.6* -1.9* -1.9* All Races 1992-2007 -1.6* -1.9* -1.9* All Races 1992-2007 -1.6* U.S. Cancer Mortality*, 1975-2007 All Races White NHef* Black Black Black Black Shef* Black Black Shef* Black S				0.7									
Maite 1975-2007 -1.9* Black 1975-1982 1.2 1982-2007 -1.8* SEER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* White 1992-2007 -1.4* -1.4* -1.4* White 1992-2007 -1.9* Black 1992-2007 -1.9* Black 1992-2007 -1.9* Black 1992-2007 -1.9* Black 1992-2007 -1.9* All Races NHef 1992-2007 -1.9* Black 1992-2007 -1.6* -1.9* -1.9* All Races NHef 1992-2007 -3.1* All Races Nortality*, 1975-2007 All Races White Black Black Black Black Black Black Blac				07								1 6+	1 (+
Black 1975-1982 1.2 1982-2007 -1.8* -1.8* SEER 13 Observed Incidence*, 1992-2007 All Races 1992-2007 -1.4* -1.4* -1.4* White 1992-2007 -1.9* -1.9* Black 1992-2007 -1.9* -1.9* Black N196* 1992-2007 -1.9* -1.9* Black N196* 1992-2007 -1.9* -1.9* Alf Anne 1992-2007 -1.9* -1.9* Alf Anne 1992-2007 -1.9* Alf Races Mortality*, 1975-2007 All Races White Black N196* 1992-2007 -1.6* -1.6* U.S. Cancer Mortality*, 1975-2007 All Races White Black Black N196* Alf Annes White Black N196* Black N196* Black N196* Alf Annes White N196* Black N196* Black N196* Alf Annes White N196* Alf Annes White N196* Alf Annes White N196* Black N196* Alf Annes White N196* Alf Annes Wh													
### SEER 13 Observed Incidence*, 1992-2007 All Races				1000 2007	1 0+								
All Races 1992-2007 -1.4* White 1992-2007 -1.4* White NHeff 1992-2007 -1.9* Black 1992-2007 -1.9* Black 1992-2007 -1.9* Black NHeff 1992-2007 -3.1* All American 1992-2007 -3.1* All American 1992-2007 -3.1* All Races White Nortality, 1975-2007 All Races White NHeff Nortality, 1992-2007 All Races White Slack Black Blac					-1.8							-1.8^	-1.8
White 1992-2007 -1.4* White NHef 1992-2007 -1.9* Black 1992-2007 -1.9* Black NHef 1992-2007 -1.9* Black NHef 1992-2007 -1.9* API 1992-2007 -3.1* API 1992-2007 -3.1* API 1992-2007 -3.1* API 1992-2007 -1.6* U.S. Cancer Mortalityc, 1975-2007 All Races White Black U.S. Cancer Mortalityc, 1992-2007 Black NHef NHef Black NHef NHef Black NHef NHef Black NHef NHef NHef NHef NHef NHef NHef NHef				007									
White NHef 1992-2007 -1.9* Black 1992-2007 -1.9* Black 1992-2007 -1.9* Black NHef 1992-2007 -1.9* Black NHef 1992-2007 -1.9* All 992-2007 -1.9* ALI 992-2007 -3.1* ALI ANG 1992-2007 -3.1* ALI ANG 1992-2007 -1.6* U.S. Cancer Mortality, 1975-2007 All Races White Black U.S. Cancer Mortality, 1992-2007 Black NHef Black													
Black 1992-2007 -1.9*													
Black NHef 1992-2007 -1.9* APIe 1992-2007 -3.1* APIe 1992-2007 -3.1* APIe 1992-2007 -3.1* ANI/ANeg 1992-2007 -1.6* U.S. Cancer Mortalitye, 1975-2007 All Races White Black U.S. Cancer Mortalitye, 1992-2007 All Races White White NHef Black Black Black NHef APIe APIe APIe APIe APIe APIe APIe APIe													
API ^e 1992-2007 -3.1* AI/AN ^{eg} 1992-2007 0.4 AI/AN ^{eg} 1992-2007 0.4 U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White Black B	Black	1992-2007	-1.9*									-1.9*	-1.9*
AI/AN ^{eg} 1992-2007 0.4 Hispanic ^e 1992-2007 -1.6* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 White Mite Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Bla	Black NH ^{ef}	1992-2007	-1.9*									-1.9*	-1.9*
Hispanic ^f 1992-2007 -1.6* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black	API ^e	1992-2007	-3.1*									-3.1*	-3.1*
U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White White White NHef Black Black Black NHef API ^c API ^c AI' (Aneg Hispanic ^f	AI/AN ^{eg}	1992-2007	0.4									0.4	0.4
All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e API ^e AI/AN ^{eg} Hispanic ^f	Hispanic ^f	1992-2007	-1.6*									-1.6*	-1.6*
All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e API ^e AI/AN ^{eg} Hispanic ^f	U.S. Cancer Mo	ortality ^c . 19	75-2007										
White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^c API ^c AI/AN ^{eg} Hispanic ^f		<u> </u>	<u>, </u>										
Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f													
U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f													
All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f													
White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f		ortality, 199	92-2007										
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f													
Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f													
Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f													
API ^e AI/AN ^{eg} Hispanic ^f													
AI/AN ^{eg} Hispanic ^f													
Hispanic ^f													
	,												
Joinpoint Regression Program Version 3.4.3. April 2010. National Cancer Institute. (http://srab.cancer.gov/joinpoint/).	Hispanic [†]												
Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute, (http://srab.cancer.gov/joinpoint/).													
	Joinpoi	int Regression	n Program	Version 3.4.	3, April	2010, Natio	nal Cancer	Institute. (http://sra	ab.cancer.go	v/joinpoin	t/).	

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 24.2 Cancer of the Stomach (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

Years		Joinpoint Trend 1		Joinpoint Trend 1 Joinpoint Trend 2		Joinpoint	Trend 3	Joinpoint Trend 4		Joinpoint	Trend 5	AAPCd		
Note 1975-1988 -1.2* 1988-2007 -2.0*		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007	
Note 1975-1988 -1.2* 1988-2007 -2.0*	SEER 9 Delay-A	diusted Inci	dence ^a . 1	975-2007										
Black 1975-1982 2.3 1982-2007 -2.1*					-2.0*							-2.0*	-2.0*	
SEER 13 Delay-Adjusted Incidence*, 1992-2007 1.9* 1.	White	1975-2007	-1.9*									-1.9*	-1.9*	
### Page	Black	1975-1982	2.3	1982-2007	-2.1*							-2.1*	-2.1*	
### Page	SEER 13 Delay-	Adjusted Inc.	idence ^b ,	1992-2007										
Black 1992-2007 -2.3*												-1.9*	-1.9*	
SEER 9 Observed Incidences 1975-1988 1.2 * 1988-2007 -2.0 * -2.0	White	1992-2007	-1.9*									-1.9*	-1.9*	
### ### ### ### ### ### ### ### ### ##	Black	1992-2007	-2.3*									-2.3*	-2.3*	
March 1975-2007 -1.9* -1.9* -1.9* -1.9* -2.1* -2.0*	SEER 9 Observe	ed Incidencea,	, 1975-20	07										
Black 1975-1982 2.4 1982-2007 -2.1* -2.1* -2.1* -2.1* -2.1*	All Races	1975-1988	-1.2*	1988-2007	-2.0*							-2.0*	-2.0*	
SEER 13 Observed Incidence 1992-2007 1,9*	White		-1.9*											
All Races 1992-2007 -1.9* White 1992-2007 -2.0* White NHef 1992-2007 -2.0* White NHef 1992-2007 -2.2* Black 1992-2007 -2.4* Black 1992-2007 -2.4* Black NHef 1992-2007 -3.0* API 1992-2007 -3.0* API 1992-2007 -3.0* AI/ANF9 1992-2007 0.2 Hispanicf 1992-2007 -2.4* U.S. Cancer Mortalityc, 1975-2007 All Races White Black White White NHef Black B	Black	1975-1982	2.4	1982-2007	-2.1*							-2.1*	-2.1*	
White NHef 1992-2007 -2.0* White NHef 1992-2007 -2.2* White NHef 1992-2007 -2.2* Black 1992-2007 -2.4* Black 1992-2007 -2.4* Black NHef 1992-2007 -2.3* API 1992-2007 -3.0* API 1992-2007 -3.0* API 1992-2007 -3.0* AI /ANeg 1992-2007 -3.0* AI /ANeg 1992-2007 -2.4* U.S. Cancer Mortality 1992-2007 -2.4* U.S. Cancer Mortality 1992-2007 All Races White Black U.S. Cancer Mortality 1992-2007 Black Bl		red Incidence	^b , 1992-2	007										
White NHef 1992-2007 -2.2* Black 1992-2007 -2.4* Black 1992-2007 -2.4* Black NHef 1992-2007 -2.3* APIe 1992-2007 -3.0* AI/ANeg 1992-2007 0.2 Hispanicf 1992-2007 0.2 U.S. Cancer Mortalityc, 1975-2007 All Races White Black Black White NHef Black Black Hale White NHef Black Black Hispanicf Black														
Black 1992-2007 -2.4* Black NHef 1992-2007 -2.3* Black NHef 1992-2007 -2.3* Black NHef 1992-2007 -3.0* AI / AN = 1992-2007 -2.3* AI / AN = 1992-2007 -2.4* I / Black NHef 1992-2007 -2.4* U.S. Cancer Mortality, 1975-2007 All Races White Black White NHef Black Black Black NHef Black NHef AI / AN = 188														
Black NHef 1992-2007 -2.3*														
API ^e 1992-2007 -3.0* AI/AN ^{eg} 1992-2007 0.2 Hispanic ^f 1992-2007 -2.4* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f Hispanic ^f AIN ^{eg} Hispanic ^f AIN ^{eg} Hispanic ^f AIN ^{eg} API ^e AI/AN ^{eg} Hispanic ^f API ^e AIAN ^{eg}														
AT/AN ^{eg} 1992-2007 0.2 Hispanic ^f 1992-2007 -2.4* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black														
Hispanic ^f 1992-2007 -2.4* U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White White White White NH ^{ef} Black Black Black Black API ^e API ^e Hispanic ^f	API ^e	1992-2007	-3.0*											
U.S. Cancer Mortality ^c , 1975-2007 All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e API ^e AI/AN ^{eg} Hispanic ^f			0.2											
All Races White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	Hispanic ^f	1992-2007	-2.4*									-2.4*	-2.4*	
White Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	U.S. Cancer Mo	ortality ^c , 197	75-2007											
Black U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f														
U.S. Cancer Mortality ^c , 1992-2007 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	White													
All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	Black													
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	U.S. Cancer Mc	ortality ^c , 199	92-2007											
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	All Races													
Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	White													
Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^f	White NH ^{ef}													
API ^e AI/AN ^{eg} Hispanic ^f	Black													
AI/AN ^{eg} Hispanic ^f	Black NH ^{ef}													
Hispanic ^f	API ^e													
	AI/AN ^{eg}													
	Hispanicf													
Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute, (http://srab.cancer.gov/joinpoint/).					_ , _									

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

⁻ Joinpoint regression line analysis could not be performed on data series.

Table 24.3 Cancer of the Stomach (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	pinpoint Trend 1 Joinpoint Trend 2 Joinpoint Trend 3 Joinpo		Joinpoint	Joinpoint Trend 4		Trend 5	AAPCd				
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	Adiusted Incid	lence ^a . 1º	975-2007									
All Races	1975-2007	-1.6*									-1.6*	-1.6*
White	1975-2007	-2.0*									-2.0*	-2.0*
Black	1975-2007	-1.0*									-1.0*	-1.0*
SEER 13 Delay-	-Adjusted Inci	denceb,	1992-2007									
All Races	1992-2007	-0.8*									-0.8*	-0.8*
White	1992-2007	-0.8*									-0.8*	-0.8*
Black	1992-2007	-1.2*									-1.2*	-1.2*
SEER 9 Observe	ed Incidencea,	1975-20	<u>07</u>									
All Races	1975-2007	-1.6*									-1.6*	-1.6*
White	1975-2007	-2.0*									-2.0*	-2.0*
Black	1975-2007	-1.0*									-1.0*	-1.0*
SEER 13 Observ	red Incidenceb	, 1992-2	007									
All Races	1992-2007	-0.9*									-0.9*	-0.9*
White	1992-2007	-0.9*									-0.9*	-0.9*
White NH ^{ef}	1992-2007	-1.7*									-1.7*	-1.7*
Black	1992-2007	-1.4*									-1.4*	-1.4*
Black NH ^{ef}	1992-2007	-1.3*									-1.3*	-1.3*
API ^e	1992-2007	-2.9*									-2.9*	-2.9*
AI/AN ^{eg}	1992-2007	0.9									0.9	0.9
Hispanic ^f	1992-2007	-0.7*									-0.7*	-0.7*
U.S. Cancer Mc	ortality ^c , 197	5-2007										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	2-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												
-												
Joinpoi	int Regression	Program	Version 3.4	.3. April	2010. Nation	nal Cancer	Institute. (ht.tp://sra	ab.cancer.gov	v/ioinpoin	t/).	

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

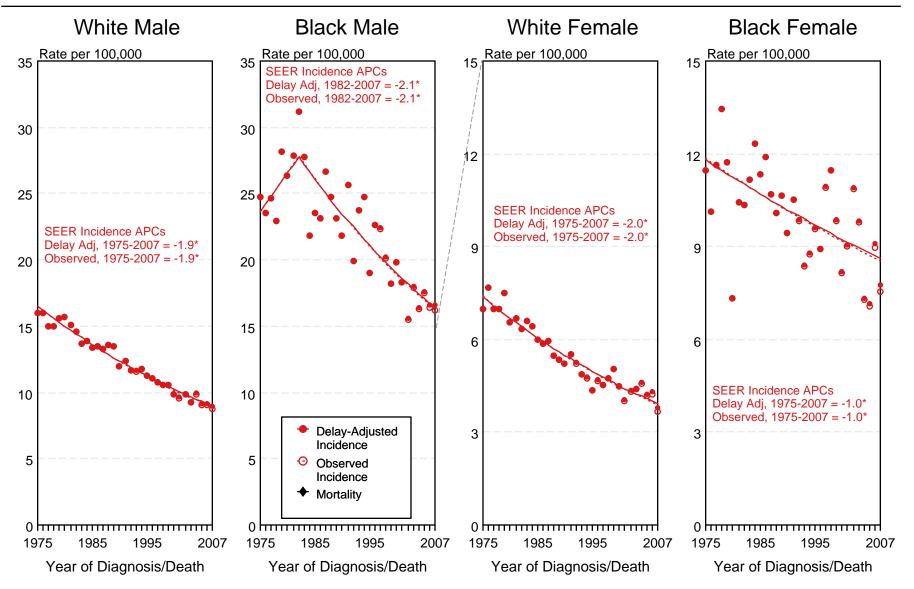
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Stomach, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Stomach, Male, by Race

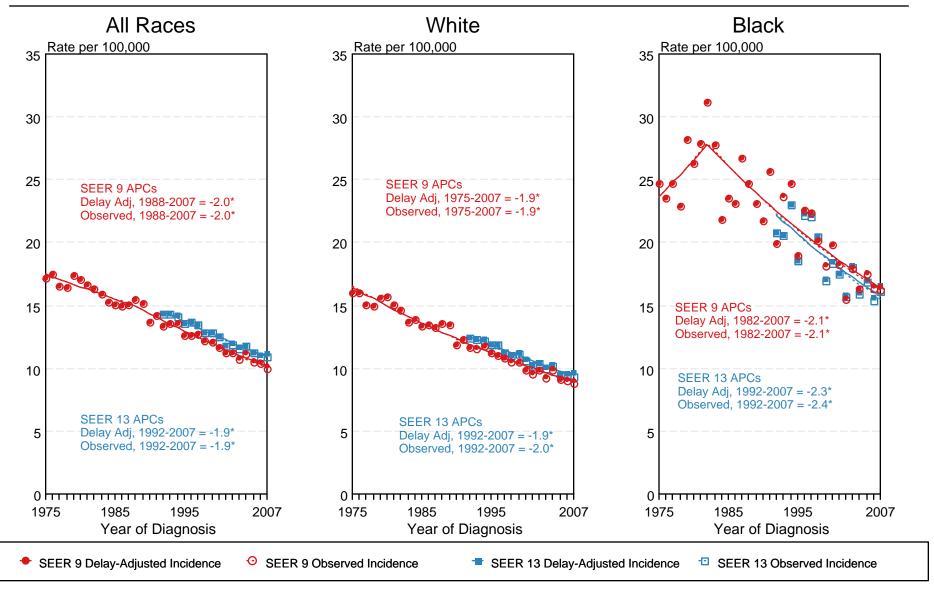


Figure 24.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Stomach, Female, by Race

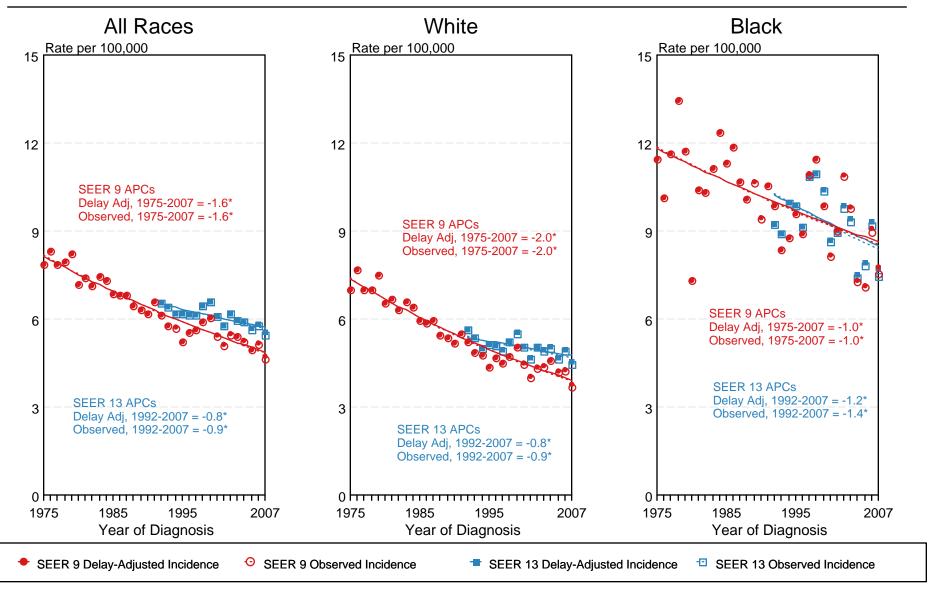


Figure 24.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 25.1 Cancer of the Testis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Inci	denceª, 1	975-2007									
All Races	1975-1989	2.3*	1989-2007	0.8*							0.8*	0.8*
White	1975-1987	2.8*	1987-2007	1.1*							1.1*	1.1*
Black	1975-2007	2.2*									2.2*	2.2*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	1.2*									1.2*	1.2*
White	1992-2007	1.4*									1.4*	1.4*
Black	1992-1994	55.0	1994-2007	-0.3							-0.3	-0.3
SEER 9 Observe	d Incidencea,	, 1975-20	07									
All Races	1975-1989	2.3*	 1989-2007	0.8*							0.8*	0.8*
White	1975-1989	2.6*	1989-2007	1.0*							1.0*	1.0*
Black	1975-2007	2.1*									2.1*	2.1*
SEER 13 Observ	ed Incidence	b, 1992-2	007									
All Races	1992-2007	1.1*									1.1*	1.1*
White	1992-2007	1.3*									1.3*	1.3*
White NH ^{ef}	1992-2007	1.6*									1.6*	1.6*
Black	1992-1994	55.2	1994-2007	-0.5							-0.5	-0.5
Black NH ^{ef}	1992-1994	52.1	1994-2007	-0.4							-0.4	-0.4
API ^e	1992-2007	1.0									1.0	1.0
AI/AN ^{eg}	1992-2007	2.1									2.1	2.1
Hispanic ^f	1992-2004	0.9	2004-2007	8.0							3.2*	6.2*
	. 1'. 6 105	75 0005										

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Table 25.2 Cancer of the Testis (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint Trend 1		1 Joinpoint Trend 2		Joinpoint	Trend 3	Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d		
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007	
SEER 9 Delay-A	Adiusted Incid	lence ^a . 1	975-2007										
All Races	1975-1989	2.7*	1989-2007	0.8*							0.8*	0.8*	
White	1975-1987	3.3*	1987-2007	1.2*							1.2*	1.2*	
Black	1975-2007	1.9*									1.9*	1.9*	
SEER 13 Delay-	-Adjusted Inci	denceb,	1992-2007										
All Races	1992-2007	1.2*									1.2*	1.2*	
White	1992-2007	1.4*									1.4*	1.4*	
Black	1992-2007	0.8									0.8	0.8	
SEER 9 Observe	ed Incidencea,	1975-20	07										
All Races	1975-1989	2.7*	1989-2007	0.8*							0.8*	0.8*	
White	1975-1987	3.4*	1987-2007	1.1*							1.1*	1.1*	
Black	1975-2007	1.9*									1.9*	1.9*	
SEER 13 Observ	ved Incidenceb	, 1992-2	007										
All Races	1992-2007	1.2*									1.2*	1.2*	
White	1992-2007	1.3*									1.3*	1.3*	
White NH ^{ef}	1992-2007	1.7*									1.7*	1.7*	
Black	1992-2007	0.7									0.7	0.7	
Black NH ^{ef}	1992-2007	0.6									0.6	0.6	
API ^e	1992-2007	0.7									0.7	0.7	
AI/AN ^{eg}	1992-2007	2.3									2.3	2.3	
Hispanic ^f	1992-2007	2.4*									2.4*	2.4*	
U.S. Cancer Mo	ortality ^c , 197	5-2007											
All Races													
White													
Black													
U.S. Cancer Mo	ortality ^c , 199	2-2007											
All Races	•												
White													
White NH ^{ef}													
Black													
Black NH ^{ef}													
API ^e													
AI/AN ^{eg}													
Hispanic ^f													
-													
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Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Table 25.3 Cancer of the Testis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint Trend 1 Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d			
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC		2003-2007
SEER 9 Delay-A	Adiusted Incid	lence ^a . 1	975-2007									
All Races	1975-2007	0.1									0.1	0.1
White	1975-2007	0.2									0.2	0.2
Black	-	-									-	-
SEER 13 Delay-	-Adiusted Inci	dence ^b ,	1992-2007									
All Races	1992-2007	1.1*									1.1*	1.1*
White	1992-2007	1.1									1.1*	1.1*
Black	_	_									-	_
SEER 9 Observe	ed Incidencea.	1975-20	07									
All Races	1975-2007	0.1	<u> </u>								0.1	0.1
White	1975-2007	0.1									0.1	0.1
Black	-	-									-	-
SEER 13 Observ	red Incidenceb	. 1992-2	007									
All Races	1992-2007	1.0*	<u></u>								1.0*	1.0*
White	1992-2007	1.0									1.0	1.0
White NH ^{ef}	1992-2007	1.4*									1.4*	1.4*
Black	_	_									=	_
Black NH ^{ef}	_	_									_	_
API ^e	1992-2007	4.3									4.3	4.3
AI/AN ^{eg}	_	_									-	_
$ exttt{Hispanic}^{ ext{f}}$	1992-2007	-2.1									-2.1	-2.1
U.S. Cancer Mc	ortality ^c , 197	5-2007										
All Races		·										
White												
Black												
U.S. Cancer Mo	ortalitu ^c 100	2-2007										
All Races	or carrey , 100	2 2007										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Testis, by Race

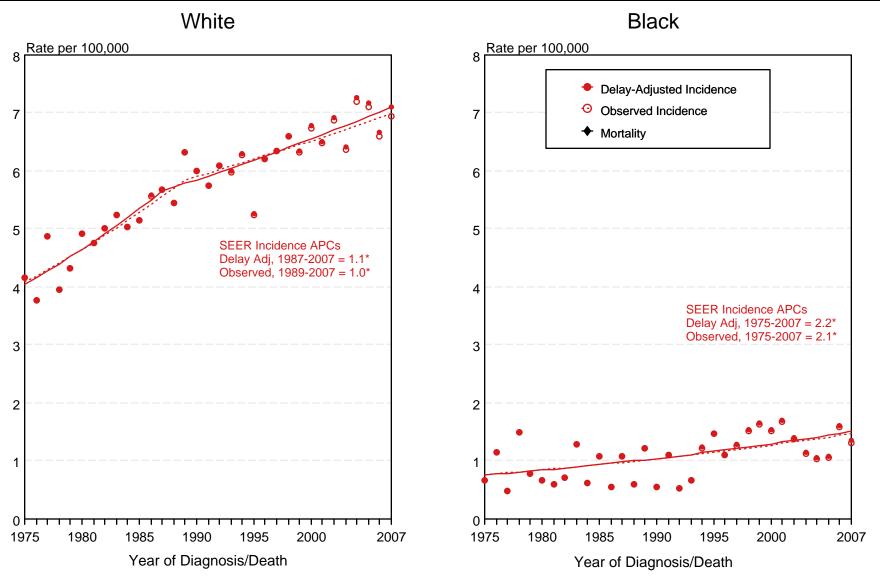
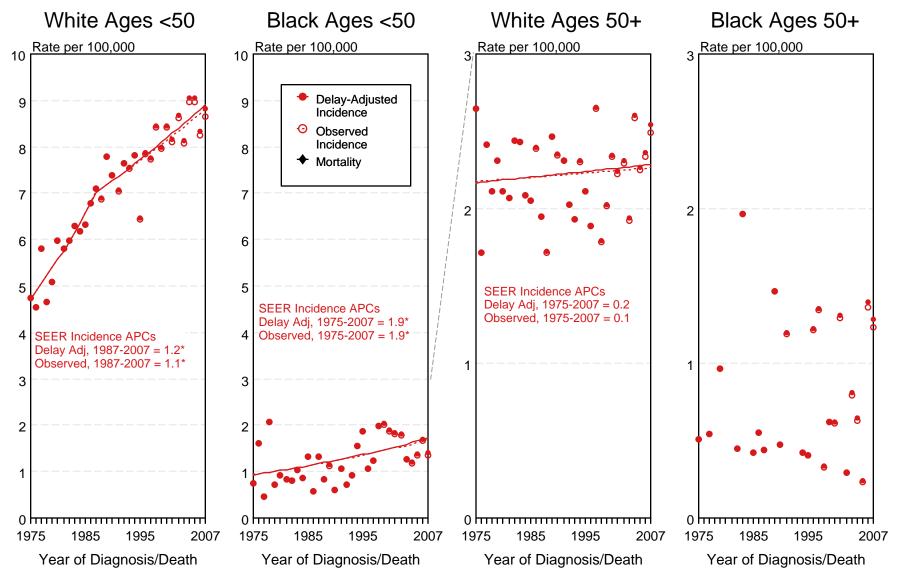


Figure 25.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Testis, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Testis, by Race

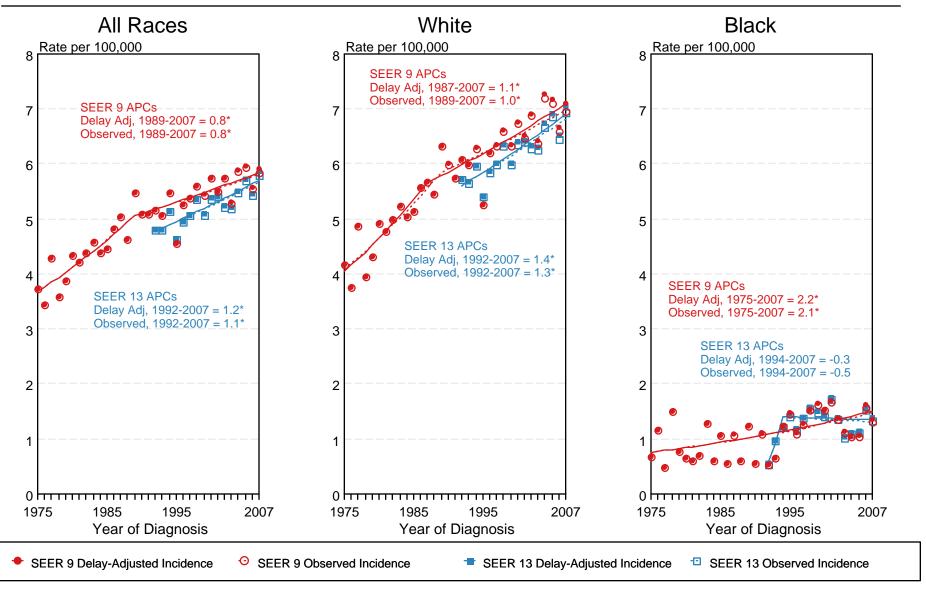


Figure 25.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 26.1 Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Tr	end 1	Joinpoint 7	rend 2	Joinpoint T	rend 3	Joinpoint T	rend 4	Joinpoint	Trend 5	AAPC ^d	
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incide	nceª, 19	75-2007									
All Races	1975-1977	6.1	1977-1980	-6.6	1980-1997	2.4*	1997-2007	6.4*			6.4*	6.4*
White	1975-1977	7.3	1977-1980	-6.7	1980-1997	2.8*	1997-2007	6.9*			6.9*	6.9*
Black	1975-1988 -	-1.2	1988-2007	4.8*							4.8*	4.8*
SEER 13 Delay-	Adjusted Incide	ence ^b , 1	992-2007									
All Races	1992-1998	3.1*	1998-2007	6.3*							6.3*	6.3*
White	1992-1998	3.7*	1998-2007	6.5*							6.5*	6.5*
Black	1992-1995	-4.1	1995-2007	6.7*							6.7*	6.7*
SEER 9 Observe	d Incidenceª, 1	1975-200	<u>7</u>									
All Races	1975-1977	6.1	1977-1980	-6.7	1980-1997	2.4*	1997-2007	6.3*			6.3*	6.3*
White	1975-1977	7.3	1977-1980	-6.7	1980-1997	2.7*	1997-2007	6.7*			6.7*	6.7*
Black	1975-1988	-1.1	1988-2007	4.6*							4.6*	4.6*
SEER 13 Observe	ed Incidence ^b ,	1992-20	<u>07</u>									
All Races	1992-1998	3.1*	1998-2007	6.1*							6.1*	6.1*
White	1992-1998	3.7*	1998-2007	6.3*							6.3*	6.3*
White NH ^{ef}	1992-1998	4.4*	1998-2007	6.6*							6.6*	6.6*
Black	1992-1995	-4.1	1995-2007	6.5*							6.5*	6.5*
Black NH ^{ef}	1992-1995	-4.6	1995-2007	6.6*							6.6*	6.6*
API ^e	1992-1996	-1.7	1996-2004	3.1*	2004-2007	7.6*					4.6*	6.4*
AI/AN ^{eg}	1992-2007	2.1									2.1	2.1
Hispanic ^f	1992-1995	-4.1	1995-2007	4.6*							4.6*	4.6*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.

Table 26.2 Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 5	Trend 2	Joinpoint T	rend 3	Joinpoint T	rend 4	Joinpoint Trend 5		AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-Ad	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1980	-4.8*	1980-1998	1.9*	1998-2007	5.7*					5.7*	5.7*
White	1975-1977	10.0	1977-1980	-9.2	1980-1998	2.6*	1998-2007	6.0*			6.0*	6.0*
Black	1975-2007	2.5*									2.5*	2.5*
SEER 13 Delay-A	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-1995	-3.0	1995-2007	5.0*							5.0*	5.0*
White	1992-1995	-1.8	1995-2007	5.3*							5.3*	5.3*
Black	1992-1995	-12.5	1995-2007	5.7*							5.7*	5.7*
SEER 9 Observed	d Incidencea,	1975-20	07									
All Races	1975-1980	-4.8*	 1980-1998	1.9*	1998-2007	5.6*					5.6*	5.6*
White	1975-1977	10.0	1977-1980	-9.2	1980-1998	2.6*	1998-2007	5.7*			5.7*	5.7*
Black	1975-2007	2.4*									2.4*	2.4*
SEER 13 Observe	ed Incidence	o, 1992-2	007									
All Races	1992-1995	-3.0	1995-2007	4.9*							4.9*	4.9*
White	1992-1995	-1.8	1995-2007	5.1*							5.1*	5.1*
White NH ^{ef}	1992-1996	0.5	1996-2007	5.8*							5.8*	5.8*
Black	1992-1995	-12.4	1995-2007	5.4*							5.4*	5.4*
Black NH ^{ef}	1992-1995	-12.4	1995-2007	5.5*							5.5*	5.5*
API ^e	1992-2007	1.7*									1.7*	1.7*
AI/AN ^{eg}	1992-2007	3.3									3.3	3.3
Hispanic ^f	1992-2007	2.8*									2.8*	2.8*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 26.3 Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint I	rend 1	Joinpoint 1	rend 2	Joinpoint T	rend 3	Joinpoint T	rend 4	Joinpoint T	rend 5	AAI	PC ^d
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	encea, 1	975-2007									
All Races	1975-1977	6.6	1977-1980	-5.6	1980-1996	2.5*	1996-2007	6.5*			6.5*	6.5*
White	1975-1977	6.4	1977-1980	-4.8	1980-1993	2.4*	1993-1999	5.1*	1999-2007	7.4*	7.2*	7.4*
Black	1975-1989	-1.0	1989-2007	5.3*							5.3*	5.3*
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2007									
All Races	1992-1998	3.8*	1998-2007	6.6*							6.6*	6.6*
White	1992-1998	4.4*	1998-2007	6.9*							6.9*	6.9*
Black	1992-1998	3.0*	1998-2007	7.5*							7.5*	7.5*
SEER 9 Observe	d Incidenceª,	1975-20	<u>07</u>									
All Races	1975-1977	6.6	1977-1980	-5.7	1980-1996	2.5*	1996-2007	6.4*			6.4*	6.4*
White	1975-1977	6.4	1977-1980	-4.7	1980-1993	2.4*	1993-1999	5.0*	1999-2007	7.2*	6.9*	7.2*
Black	1975-1989	-1.0	1989-2007	5.1*							5.1*	5.1*
SEER 13 Observ	ed Incidenceb	, 1992-2	007									
All Races	1992-1998	3.8*	1998-2007	6.4*							6.4*	6.4*
White	1992-1998	4.4*	1998-2007	6.7*							6.7*	6.7*
White NH ^{ef}	1992-2000	5.4*	2000-2003	8.8*	2003-2007	5.5*					6.6*	5.5*
Black	1992-1998	3.0*	1998-2007	7.2*							7.2*	7.2*
Black NH ^{ef}	1992-2001	4.1*	2001-2007	8.5*							7.0*	8.5*
API ^e	1992-1999	0.4	1999-2007	5.3*							4.8*	5.3*
AI/AN ^{eg}	1992-2007	2.0									2.0	2.0
Hispanicf	1992-1998	0.8	1998-2007	5.7*							5.7*	5.7*

U.S. Cancer Mortality^c, 1975-2007

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APTe

AI/AN^{eg}

Hispanicf

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

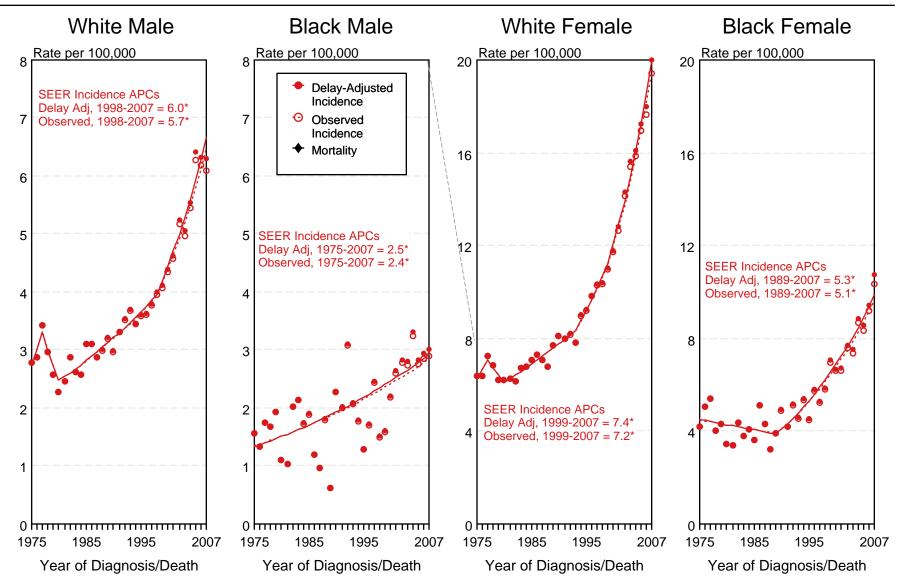
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Thyroid, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Thyroid, Male, by Race

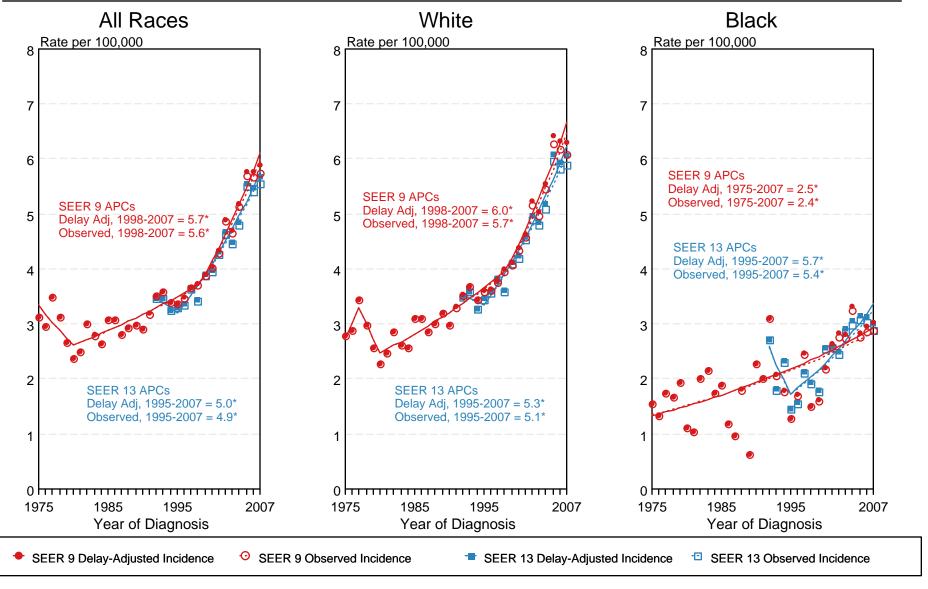


Figure 26.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Thyroid, Female, by Race

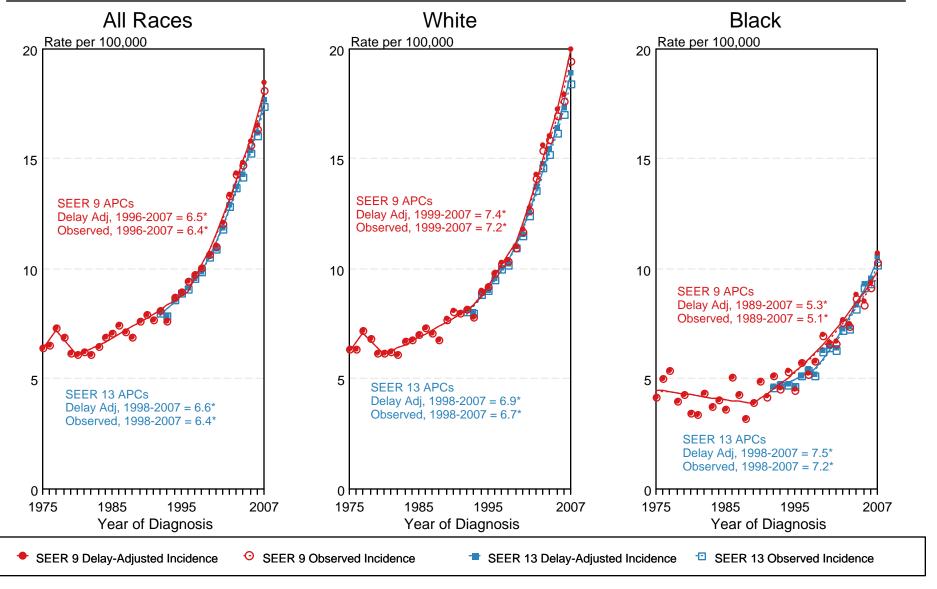


Figure 26.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 27.1 Cancer of the Urinary Bladder (Invasive and In Situ)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint T	rend 3	Joinpoint '	Trend 4	Joinpoint Trend 5		AAI	⊇C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2007									
All Races	1975-1987	0.8*	1987-1996	-0.2	1996-1999	1.6	1999-2007	-0.4*			-0.2	-0.4*
White	1975-1987	1.0*	1987-1996	-0.1	1996-1999	1.8	1999-2007	-0.3			0.0	-0.3
Black	1975-2007	0.3									0.3*	0.3*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	0.0									0.0	0.0
White	1992-2007	0.1									0.1	0.1
Black	1992-2007	0.5									0.5	0.5
SEER 9 Observe	ed Incidencea,	1975-20	<u>07</u>									
All Races	1975-1987	0.8*	1987-1996	-0.2	1996-1999	1.6	1999-2007	-0.6*			-0.3	-0.6*
White	1975-1987	1.0*	1987-1996	-0.1	1996-2000	1.4	2000-2007	-0.7*			-0.2	-0.7*
Black	1975-2007	0.2									0.2	0.2
SEER 13 Observ	red Incidence	, 1992-2	007									
All Races	1992-2004	0.1	2004-2007	-1.5							-0.4	-1.1
White	1992-2004	0.2	2004-2007	-1.7							-0.4	-1.2
White NH ^{ef}	1992-2004	0.4*	2004-2007	-1.4							-0.2	-1.0
Black	1992-2007	0.3									0.3	0.3
Black NH ^{ef}	1992-2007	0.3									0.3	0.3
API ^e	1992-2007	0.1									0.1	0.1
AI/AN ^{eg}	1992-2007	0.9									0.9	0.9
Hispanic ^f	1992-2007	-0.5									-0.5*	-0.5*
U.S. Cancer Mo	ortality ^c , 197	75-2007										

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2007

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^f

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- e API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.
- Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- * The APC/AAPC is significantly different from zero (p<.05).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 27.2 Cancer of the Urinary Bladder (Invasive and In Situ)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint :	Trend 1	Joinpoint '	Trend 2	Joinpoint T	rend 3	Joinpoint 5	Trend 4	Joinpoint Trend 5		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2007									
All Races	1975-1986	0.9*	1986-2007	0.0							0.0	0.0
White	1975-1987	1.2*	1987-1995	-0.6	1995-1998	1.8	1998-2007	-0.2			-0.2	-0.2
Black	1975-2007	0.2									0.2	0.2
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2007	-0.1									-0.1	-0.1
White	1992-2007	0.0									0.0	0.0
Black	1992-2007	0.3									0.3	0.3
SEER 9 Observe	ed Incidencea,	1975-20	07									
All Races	1975-1987	1.0*	1987-1996	-0.5	1996-1999	1.7	1999-2007	-0.6*			-0.3	-0.6*
White	1975-1987	1.2*	1987-1995	-0.6	1995-1999	1.4	1999-2007	-0.5*			-0.3	-0.5*
Black	1975-2007	0.1									0.1	0.1
SEER 13 Observ	red Incidence ^k	°, 1992-2	007									
All Races	1992-2007	-0.2									-0.2	-0.2
White	1992-2007	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2007	0.1									0.1	0.1
Black	1992-2007	0.1									0.1	0.1
Black NH ^{ef}	1992-2007	0.1									0.1	0.1
API ^e	1992-2007	0.6									0.6*	0.6*
AI/AN ^{eg}	1992-2007	0.8									0.8	0.8
Hispanic ^f	1992-2007	-0.6									-0.6*	-0.6*
U.S. Cancer Mc	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mc	rtality ^c , 199	92-2007										
All Races		_										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint).
The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).</p>

Joinpoint regression line analysis could not be performed on data series.

Table 27.3 Cancer of the Urinary Bladder (Invasive and In Situ)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint Trend 5		AA:	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2007	2003-2007
SEER 9 Delay-A	diusted Inci	dence ^a . 1	975-2007									
All Races	1975-2003	0.2*	2003-2007	-2.1							-0.8	-2.1*
White	1975-2003	0.4*	2003-2007	-2.3							-0.8	-2.3*
Black	1975-2007	0.5									0.5	0.5
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2007									
All Races	1992-2004	-0.2	2004-2007	-2.2							-0.9*	-1.7*
White	1992-2004	0.0	2004-2007	-2.5*							-0.8*	-1.9*
Black	1992-2007	0.8									0.8	0.8
SEER 9 Observe	d Incidencea	, 1975-20	07									
All Races	1975-2003	0.2*	2003-2007	-2.4*							-1.0*	-2.4*
White	1975-2003	0.4*	2003-2007	-2.8*							-1.0*	-2.8*
Black	1975-2007	0.4									0.4	0.4
SEER 13 Observ	ed Incidence	b, 1992-2	007									
All Races	1992-2004	-0.2	2004-2007	-2.7*							-1.0*	-2.1*
White	1992-2004	-0.1	2004-2007	-3.0*							-1.1*	-2.3*
White NH ^{ef}	1992-2004	0.1	2004-2007	-2.9*							-0.9*	-2.2*
Black	1992-2007	0.6									0.6	0.6
Black NH ^{ef}	1992-2007	0.7									0.7	0.7
API ^e	1992-2007	-0.6									-0.6	-0.6
AI/AN ^{eg}	1992-2007	3.1									3.1	3.1
Hispanic ^f	1992-2007	-0.7									-0.7	-0.7
U.S. Cancer Mo	rtality ^c , 197	75-2007										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2007										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^f												

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (http://srab.cancer.gov/joinpoint/). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

The APC/AAPC is significantly different from zero (p<.05).

Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Urinary Bladder, by Race and Sex

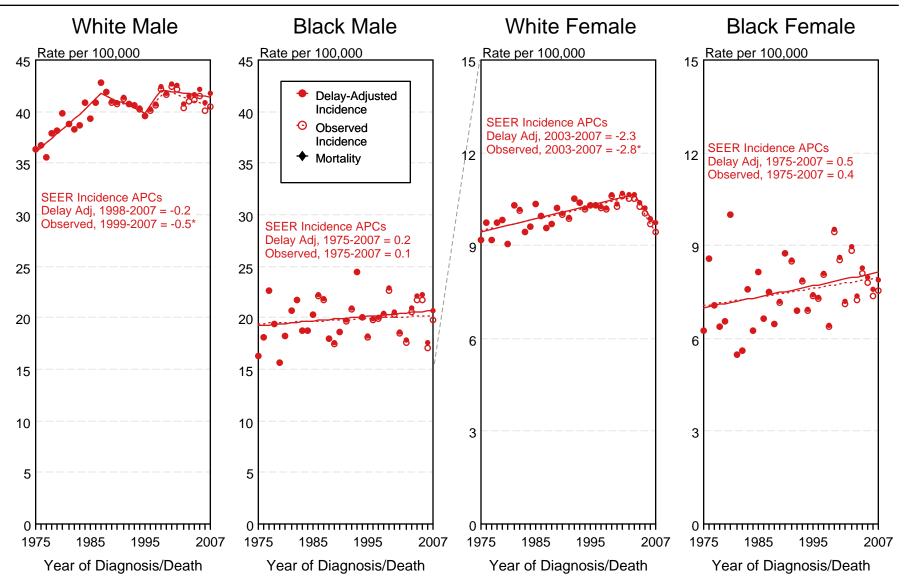


Figure 27.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Urinary Bladder, Male, by Race

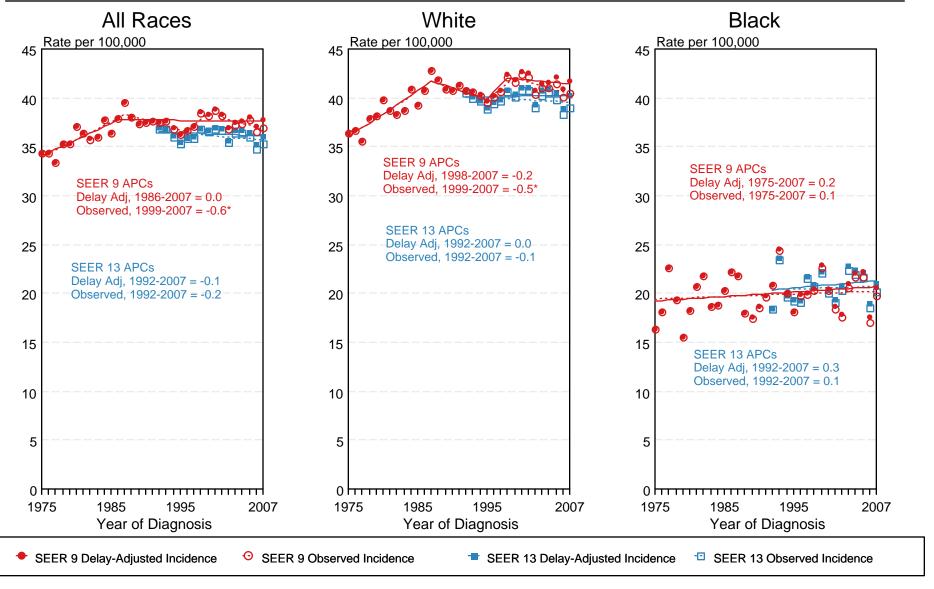


Figure 27.3

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and SEER Delay Adjusted Incidence Rates^a SEER 9 Areas Compared to SEER 13 Areas Cancer of the Urinary Bladder, Female, by Race

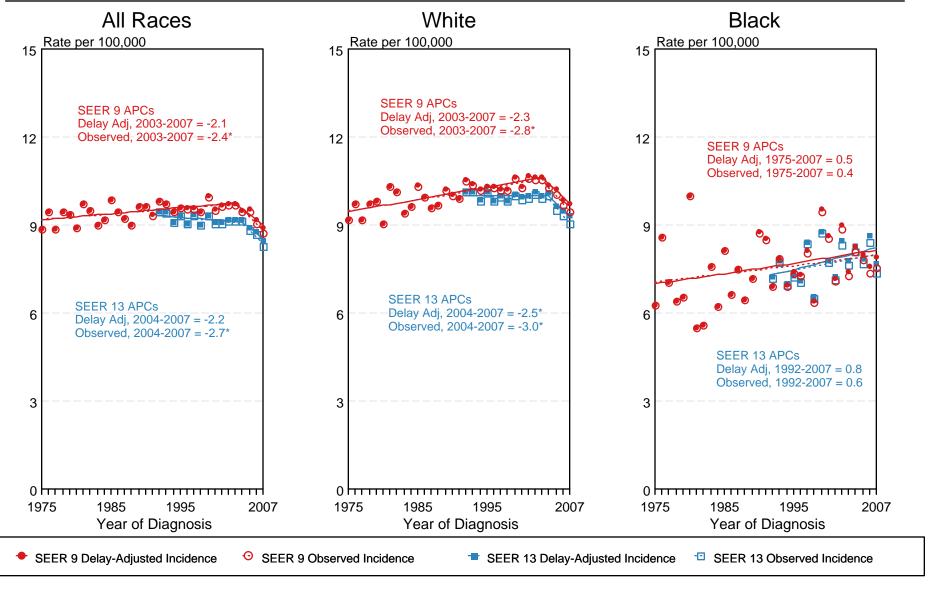
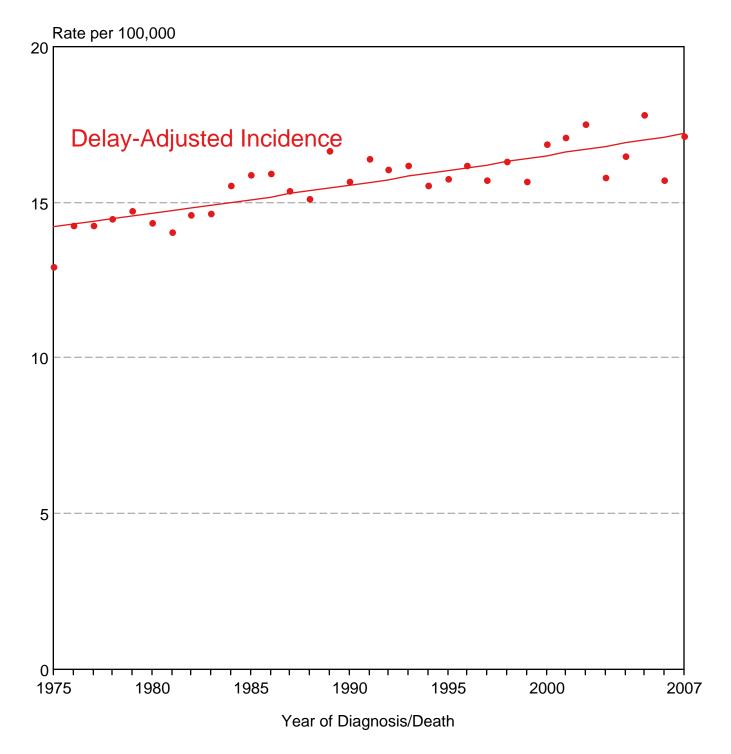


Figure 27.4

Source: SEER 9 areas and SEER 13 areas.
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

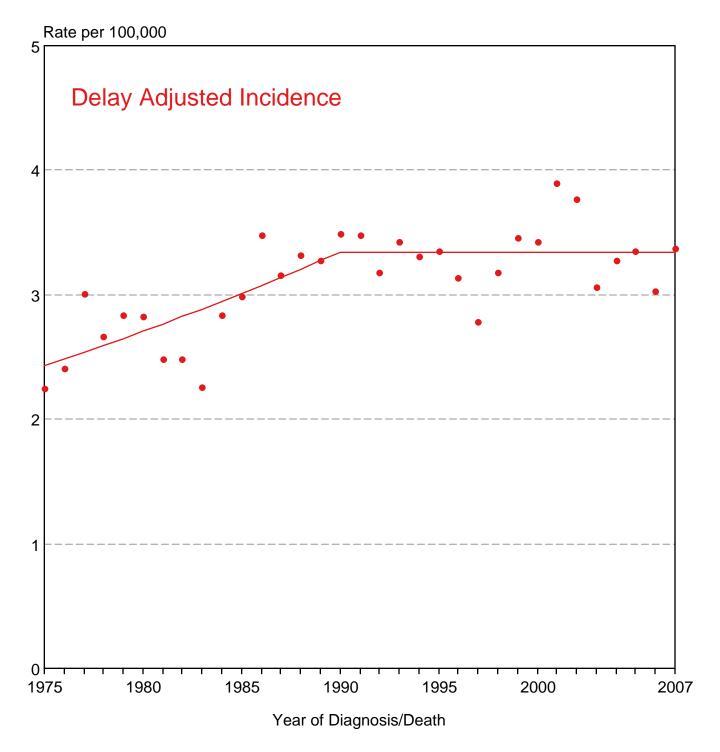
The APC is significantly different from zero (p < 0.05).

SEER Delay-Adjusted Incidence and US Mortality All Childhood Cancers, Under 20 Years of Age Both Sexes, All Races, 1975-2007



Source: SEER 9 areas and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.

SEER Delay-Adjusted Incidence and US Mortality Brain and CNS, Under 15 Years of Age Both Sexes, All Races, 1975-2007



Source: SEER 9 areas and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute.